

THE

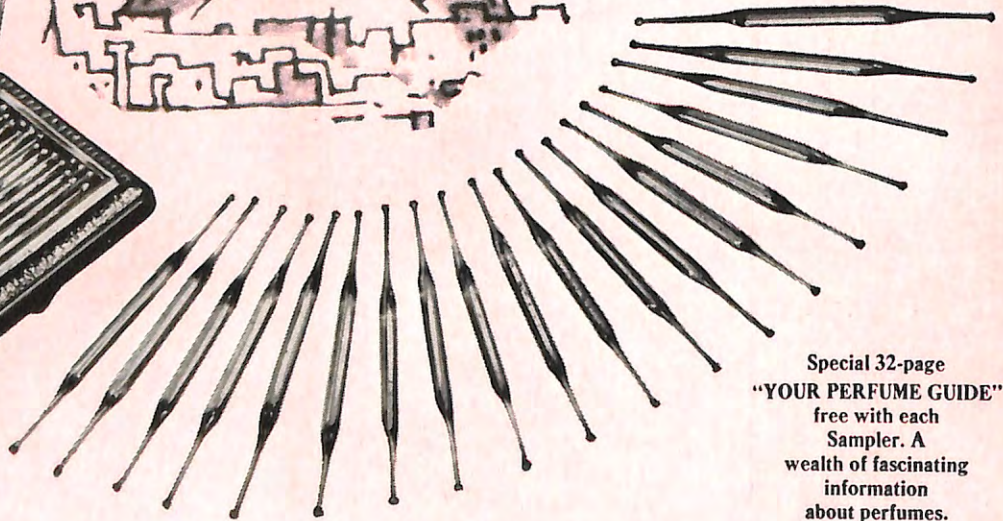
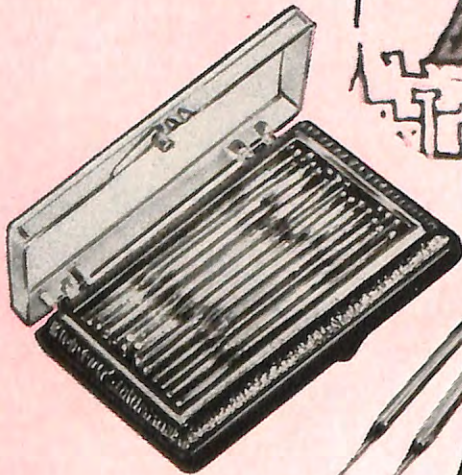
Elks

MAGAZINE FEBRUARY 1964



NOW FOR THE READERS OF *Elks*
A Special Valentine Perfume Sampler

100
Fragrant Bottlettes of Perfume for Your Favorite Girl
for only
\$3.95



Special 32-page
"YOUR PERFUME GUIDE"
free with each
Sampler. A
wealth of fascinating
information
about perfumes.

♥ Here's a fabulous Valentine for your favorite girl—100 delicate bottlettes of internationally-known perfumes—costly, exotic, exciting, romantic fragrances to make any woman feel pampered. Handsome 100 perfume sampler comes in a small decorative gold-foil pocket gift box, and as such makes a lovely and impressive gift for Valentine's Day or for any other occasion. This superb collection of famous perfumes, worth many times the price of this special Elks offer, is a once-in-a-lifetime opportunity. Sorry, but offer is limited to two samplers to a customer. Order now!

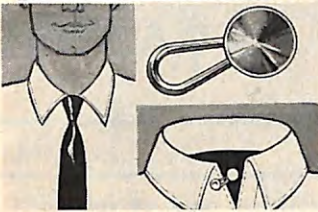
PARIS IMPORTS, Dept. EK-2,
887 Second Avenue, New York 17

Perfume Samplers @ \$3.95 plus 40¢ Fed. tax

NAME _____

ADDRESS _____

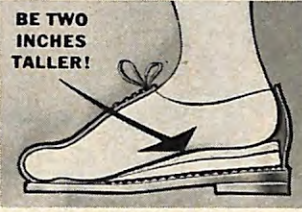
(Please add 35¢ postage & handling)



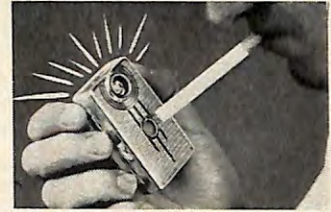
SHIRT COLLAR TOO TIGHT? Stretch Button instantly adds a full 1/2 size to too-tight or too-starched shirt collars! Just slip loop over neckband button and button into buttonhole for instant "right-fit" relief. Neat. Hidden by tie. No sewing! Transferable. Zytel nylon. **STRETCH BUTTONS.**
4 for . . . \$1.00 2 for . . . 59c



ELECTRIC HOT POT boils 4 cups of water in minutes—for instant coffee, tea, cocoa. Heats soup, canned foods, baby bottles, etc. **Electric, break-resistant!** Easy-pour spout, stay-cool base & handle. Perfect to use right at table—or office desk! Polished aluminum, with electric cord. For home, school, travel. **2 Pots . . . \$5.50 Each . . . \$2.95**



BE TWO INCHES TALLER!
ELEVATE YOURSELF INSTANTLY . . . Add 2 full inches to your height . . . and it's your secret. Slip these pads into any shoes. Instantly, invisibly, your appearance is improved, your confidence fortified. No more conspicuous, expensive built-up shoes! Of rubber and felt. **Small (up to 8 1/2 shoe size); Large (over 8 1/2 shoe size). Pair . . . \$2.98**



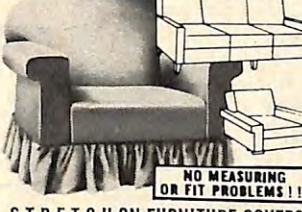
ELECTRIC CIGARETTE LIGHTER . . . No wick, no lighter fuel needed! A quick flick of the switch & secret panel opens to provide instant light for cigarette, despite wind or weather! Feather-light engraved metal case with built-in flashlight. Uses 2 pen light batteries obtainable anywhere.
2 for . . . \$1.89 Each . . . 98c



ONE-HANDED ADDING MACHINE keeps accurate running account of what you're spending with one hand—leaves other hand free. Unique push-button device records cents, dimes, dollars up to \$20. Eliminates guesswork and overspending. 3 3/4" x 1 3/4". Lightweight colorful plastic. One Hand Adder.
3 for . . . \$2.79 Each . . . \$1.00



EMERGENCY DENTAL KIT . . . No more embarrassing waiting period. Now you can repair your own dental plates at home or office. Save time and money. Kit includes everything necessary for fixing cracks, chips, breaks—and for replacing loose teeth. You get enough material for up to 6 repairs. Order: **Dental Kit . . . \$1.98**



S-T-R-E-T-C-H ON FURNITURE COVERS . . . One size fits any sofa or chair, regardless of style or size. Washable, no iron, go on in a jiffy. Give complete coverage. Miracle knit upholstery fabric is remarkably durable, lint free. 6 handsome shades. Specify beige, grey, gold, green, wine or turquoise.
Sofa Cover \$7.98 Chair Cover \$3.98

KILL ROACHES



KILLS ROACHES, WATERBUGS FAST. Just moisten solid, odorless cake and place anywhere . . . draws roaches and waterbugs out of hiding places and kills them on contact. No more damaging sprays or mess. Proven results! Inconspicuous indoors or out. 2 oz. cake comes in sanitary plastic dish.
2 Cakes \$1.50 Each Cake 79c



SHUFFLE CARDS
AUTOMATICALLY
SHUFFLE CARDS AUTOMATICALLY!! . . . 1, 2, even 3 decks at one time . . . Card shuffler does a thorough job automatically!! Fast, easy . . . just place cards on tray and revolve! Presto; a "square deal" every time! Use bottom side as a Canasta tray! Sturdy plastic, gay assorted colors. **Shuffler . . . \$1.00**



ADD ZIGZAG STITCHING TO ANY Sewing Machine . . . in seconds, with this attachment! Then create lovely finishing touches on everything you make! Design decorative stitching—do zigzagging & invisible hemming. Fits American and European straight stitch machines. Does tasks formerly possible only on expensive models. **Each \$1.98**



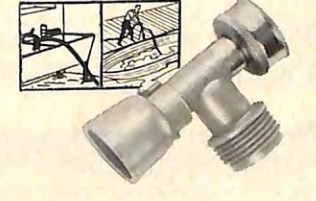
TINY PALM-SIZE CAMERA & CASE. Precision designed to take clear, finely detailed pictures . . . and it actually fits in your hand! Just 2" x 1 1/2", with single fixed focus lens, 1 speed shutter, and leather case. Film is high speed, panchromatic—10 pictures per roll.
Camera . . . \$1.00
6 rolls of film . . . 79c



MOST FEMININE UNDIES EVER! . . . 3 exotic styles in lacy-soft Helanca! Daring Bikini—Panty Brief—Garter Panty for stockings. 1 size fits all—4 to 7. White or black.
NOT RETURNABLE IF WORN
Bikini 2 for . . . \$2.49 Ea. \$1.29
Panty 2 for . . . \$2.79 Ea. \$1.49
Garter Panty 2 for \$4.79 Ea. \$2.49



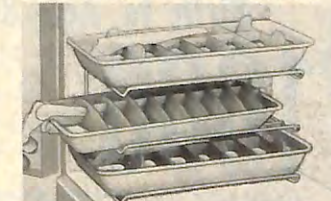
CANCELLED CHECKS COULD SAVE YOU MONEY! . . . So keep them safe, secure and handy. New 1" expanding design opens to 12" deep. Has 12 compartments . . . one for each month. For tax purposes, proof of payment, etc. Sturdy; gold-trimmed red leather-like covers, 4" x 8". Re-use in 1965!
New Check File . . . \$1.00



AUTOMATIC DRAIN PUMP . . . drains 120 gallons of water an hour! Empties flooded cellars, boats, washing machines, etc. Even pumps out swimming pools! No more "bucket filling". . . no more work! Just attach to faucet and hose and turn on water. Siphoning begins automatically. Plastic & metal.
DRAIN PUMP . . . \$1.98



POCKET-SIZE CALCULATOR . . . Never makes a mistake! Handy pocket-size calculating machine does your figuring for you! Adds, subtracts and multiplies to 99,999,999 lightning fast! Helps keep check book, bank balance, expense account, etc., accurate. Easy to use. Light weight, steel construction.
3 for . . . \$2.00 Each . . . 69c



ICE TRAYS SLIDE OUT AT A TOUCH No more struggling with stuck trays! No chipping, chopping! Freezer Racks store trays compactly . . . retard frost build-up! Rust-proof, polished unichromed metal. 9" x 4 3/4". 3-tray, 5 1/4" high; 4-tray, 8 1/2".
3-Tray Rack . . . \$1.49
4-Tray Rack . . . \$1.98



PLASTERED PLUMBER'S LIQUOR DISPENSER "Round & Round" she goes, where she stops . . . the whiskey pours out!! It's the opposite of instant dispensers whiskey ages on its way to your glass. Eager friends go mad with the tantalizing wait! Terrific for the home bar. "Pipe finished" plastic.
Pipe Dispenser Each . . . \$2.98



WATCH YOUR MONEY GROW!!! . . . Revolving Coin Bank lets you know amount of savings at a glance! Drop coins in slots and watch them stack up, up, and up. Clear transparent lucite bank holds over \$50 in pennies, nickels, dimes, quarters & half dollars. Lock & key included. Measures 5 inches high.
View. Bank . . . \$1.98

Mail to **SPENCER GIFTS** Today
SPENCER GIFTS, AF-80 Spencer Bldg., Atlantic City, N. J. 08404

Name _____
Address _____
City _____ Zone _____ State _____

HOW MANY	NAME OF ITEM	PRICE

SORRY, NO C.O.D.'s All orders sent Postage Paid.
(Enclose a check or money order with your order) **TOTAL ENCLOSED**

NEXT 90 DAYS CAN CHANGE YOUR LIFE

A Warning from The Wall Street Journal

You are living in a period of rapid changes. The next 90 days will be filled with opportunities and dangers.

Fortune will smile on some men. Disaster will dog the footsteps of others.

Because reports in The Wall Street Journal come to you DAILY, you get fastest possible warning of any new trend affecting your business and personal income. You get facts in time to protect your interests or seize a profit.

If you think The Journal is just for millionaires, you are WRONG! It is a wonderful aid to salaried men making \$7,500 to \$30,000 a year. It is valuable to owners of small businesses. Read it 90 days and see what it can do for YOU.

To assure speedy delivery to you anywhere in the U.S., The Journal is printed daily in seven cities from coast to coast. It costs \$24 a year, but in order to acquaint you with The Journal, we make this offer: You can get a Trial Subscription for 3 months for \$7. Just send this ad with check for \$7. Or tell us to bill you. Address: The Wall Street Journal, 44 Broad Street, New York 4, New York.

EM 2

COOPERATE WITH THE POST OFFICE DEPARTMENT'S ZIP CODE PROGRAM USE YOUR ZIP CODE NUMBER IN YOUR RETURN ADDRESS

Now! Life Insurance Birth to Age 80

\$1000 First 30 Days ONLY 25¢ Per Policy

CASH FOR YOUR FINAL EXPENSES. AVOID BEING A BURDEN TO YOUR FAMILY

Introductory Offer. Answer these 9 questions on a plain piece of paper and mail with only 25c for 30 days' protection. Regular rate shown on policy.

Amounts usually issued without doctor examination. NEW LOW RATES.

Ages	Amount	Ages	Amount
0 to 80	\$1000	15 to 60	\$2500

- Print full name and address.
- Date of birth?
- Height? 3a. Weight?
- Occupation, kind of work?
- Name and address of employer
- Race? (For identification)
- Beneficiary and relationship to you?
- To your knowledge have you had heart, lung, diabetes, cancer, or chronic disease? Are you deformed, lost a hand, foot, eye, or ever rejected for insurance?
- State condition of health.
- Amount desired, and sign your name.

NO AGENT WILL CALL

Actual policy will be mailed you direct from Home Office. You be the judge.

Mail to: S. B. Hunt, Chairman
AMERICAN LIFE & ACCIDENT INSURANCE CO.
305 American Life Bldg., St. Louis 8, Mo.

THE ELKS MAGAZINE

VOL. 42 NO. 9

FEBRUARY 1964

NATIONAL PUBLICATION OF THE BENEVOLENT AND PROTECTIVE ORDER OF ELKS OF THE UNITED STATES OF AMERICA. PUBLISHED UNDER THE DIRECTION OF THE GRAND LODGE BY THE NATIONAL MEMORIAL AND PUBLICATION COMMISSION.

THE ELKS NATIONAL MEMORIAL AND PUBLICATION COMMISSION

JOHN S. McCLELLAND
Chairman

EMMETT T. ANDERSON
Vice-Chairman

JAMES T. HALLINAN
Treasurer

WADE H. KEPNER
Secretary

EARL E. JAMES
Assistant Secretary and Assistant Treasurer

WILLIAM H. MAGRATH
General Manager

JAMES R. NICHOLSON
General Manager Emeritus

REGINA M. FISHER
Associate Editor

WILLIAM O. CHESSMAN
Art Director

ROBERT C. MALONE
Associate Editor

WALTER ARPS JR.
Editorial Assistant

JOHN SCHMITT
Circulation Manager

THEODORE I. SCARR
Promotion Manager

ALICE M. DOERLE
Advertising Production

EDITORIAL OFFICES, 386 Park Avenue South, New York, N. Y., 10016

Cover Painting.....	C. C. BEALL	
What Has Happened to the Peacetime Atom?.....	LEONARD GREENBAUM	4
The Case for Humidifying Your Home.....	HARRY WALTON	6
"Anniversary Checkup" A Message from the Grand Exalted Ruler.....		7
Skydiving	TOM KASER	8
For Elks Who Travel.....	JERRY HULSE	10
News of the Lodges.....		12
Elks National Foundation—"The Joy of Giving".....		24
Elks Family Shopper.....		26
Tom Wrigley Writes from Washington.....		38
In the Dog House.....	ED FAUST	40
Lodge Visits of Ronald J. Dunn.....		42
Freedom's Facts.....		43
Elks National Service Commission.....		44
THE ELKS MAGAZINE Editorials.....		48



ADVERTISING OFFICES



CHICAGO 60601
360 North Michigan Avenue
STATE 2-6662

NEW YORK 10016
386 Park Avenue South
MURRAY HILL 4-5495

LOS ANGELES 90036
5909 West 3rd Street
WEBSTER 1-1371

SAN FRANCISCO 94108
333 Kearny Street
EXBROOK 2-4073

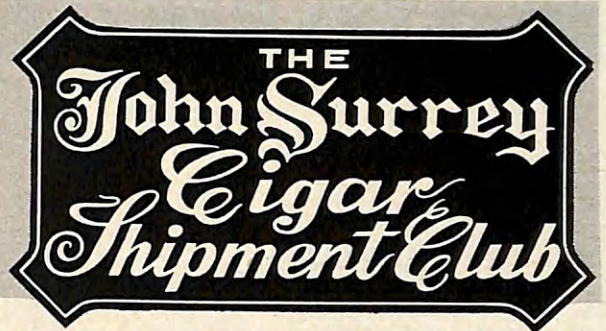
POSTMASTER: Send notices concerning addresses to:

THE ELKS MAGAZINE, 386 Park Avenue South, New York, N. Y., 10016

Members are asked, in changing address, to send this information: (1) Name; (2) Lodge number; (3) Membership number; (4) New address; (5) Old address. Please allow 30 days for a change of address to be effected. THE ELKS MAGAZINE, Volume 42, No. 9, February, 1964. Published monthly at McCall Street, Dayton, Ohio, by the Benevolent and Protective Order of Elks of the United States of America. Second class postage paid at Dayton, Ohio, and at New York, N. Y. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized May 20, 1922. Printed in Dayton, Ohio, U.S.A. Single copy price, 29 cents. Subscription price in the United States and its Possessions, for Elks \$1.00 a year, for non-Elks, \$2.00 a year; for Canadian price, add 50 cents a year; for foreign postage, add \$1.00 a year. Subscriptions are payable in advance. Manuscripts must be typewritten and accompanied by sufficient postage for their return via first class mail. They will be handled with care but this magazine assumes no responsibility for their safety.

Copyright, 1964, by the Benevolent and Protective Order of Elks of the United States of America

Special Trial Membership Offer TO JOIN THE MOST EXCLUSIVE CIGAR CLUB IN AMERICA



You may choose either the \$10.00 Humidor or any box of 50 cigars listed on this page (tax paid for 20¢ each or more) for only \$3.95 as your Trial Membership Bonus if you sign and return the enclosed application for a 6 months trial membership.



No. 100
Continental Imported Leaf
The Continental is a six inch cigar, made of imported leaf, full size but not fat. Its Debonair shape makes it a cigar for the fastidious. For a mild clear Imported Leaf, the Continental is one of the best. Available in dark or light wrapper. Box of 50.



No. 101
Pershing Square Palmas
The largest selling cigar in our line. A blend of imported & domestic leaf. There must be a good reason for its popularity. It is good—good smoking—good tasting. Available in dark or light wrapper. Box of 50.



No. 109
American Cigar
Palma shape — 5 5/8" long, the #109 is a blend of several outstanding American tobaccos. With its American wrapper and binder it insures a mild mellow taste plus even burning as well as long-mild smoking. Box of 50.



Regular \$10.00 Humidor with Cigar Club Membership **\$3.95**

3 GOLD INITIALS FREE
Deluxe Humidor 10 1/2" x 8" x 4 1/4" —holds 50 cigars—is lined with imported Spanish cedar — inside top milk glass lined—with full length humidifier—plus 3 gold initials on top. State 3 initials desired.

A trial membership in the John Surrey Cigar Shipment Club means all this to you:

1. First, you are entitled to buy the humidor or a box of cigars at the special introductory price for the first shipment.
2. Second, it means that you will be able to choose from an assortment of 40 exclusive John Surrey fresh-from-the-factory cigars—all sizes, shapes and qualities—at prices up to 40% below retail prices for the same quality.
3. Third, it means that you agree to buy at least 1 box of cigars of your choice each month during this 6 month period, all of course at special John Surrey Cigar Shipment Club prices, up to 40% below retail prices for the same quality.
4. Fourth, you may, if you wish, cancel your subscription at the end of 6 months and you have the right to return any cigars that do not meet with your approval for exchange at any time.

What permanent membership in the John Surrey Cigar Shipment Club means to you.

The permanent membership of the John Surrey Cigar Shipment Club will number 10,000 in 1964. The Club is national in scope, the only one of its kind, and its members, through it, will buy a million dollars worth of cigars in 1964 while saving more than that on the mellow smokes of their choice.

This is a club exclusively for cigar smokers who like their cigars fresh, like them to be different from the common run, want a convenient supply of their favorites on hand when they want a smoke, and don't want to spend a fortune doing it.

John Surrey Cigar Shipment Club gives you all these and another Big Extra

FREE DIVIDENDS for your continuous buying

Every 3 months, we send you your choice of valuable FREE dividends, such items as Flyte Luggage, Toasters, Broilers, Electric Razors, Electric Hair Brush Massagers and many others have been given in the past.

It will pay you well and pay you often in satisfaction, savings, and prestige to join today the

JOHN SURREY CIGAR SHIPMENT CLUB—An Exclusive Organization of Cigar Smokers



John Surrey, Ltd.

59 Hempstead Gardens Drive
West Hempstead, New York

THE CIGAR SHIPMENT CLUB

Gives You—Service—Savings—Satisfaction

Thousands of men are now happy, satisfied members of the John Surrey Cigar Shipment Club. They get their cigars delivered regularly, once a week, once a month, as they wish. They not only get smoking pleasure, but value and dividends as well. You buy cigars, why not get all of these PLUS-ES at no extra cost. This is a service you will be happy to get and glad to recommend.

John Surrey Cigars are sold as low as \$3.75 per box of 50, but not higher than \$11.75 per box of 50, so you see our prices are right.

SEND TRIAL MEMBERSHIP ORDER NOW!

JOHN SURREY CIGAR SHIPMENT CLUB DEPT. C-101
59 Hempstead Gardens Drive West Hempstead, New York
Enclosed is \$3.95. Please send me the following introductory item as my bonus for joining.

Also, as part of the consideration in accepting this offer, please enroll me for a 6 month trial membership in the John Surrey Cigar Shipment Club.

I understand that my membership entitles me to order as many boxes of cigars as I wish from the John Surrey Cigar Shipment Club but not less than 1 box each month during the 6 month trial period. I also understand that if I am not satisfied with any of my purchases, I may return them for exchange.

Written Signature.....

Name..... Print

Address.....

City..... Zone..... State.....

What has Happened to the Peacetime Atom?

The answer is that Government and industry alike are proving daily that the awesome power of nuclear energy is a boon to mankind

By **LEONARD GREENBAUM**

Assistant to the Director, Michigan Memorial—Phoenix Project,* University of Michigan

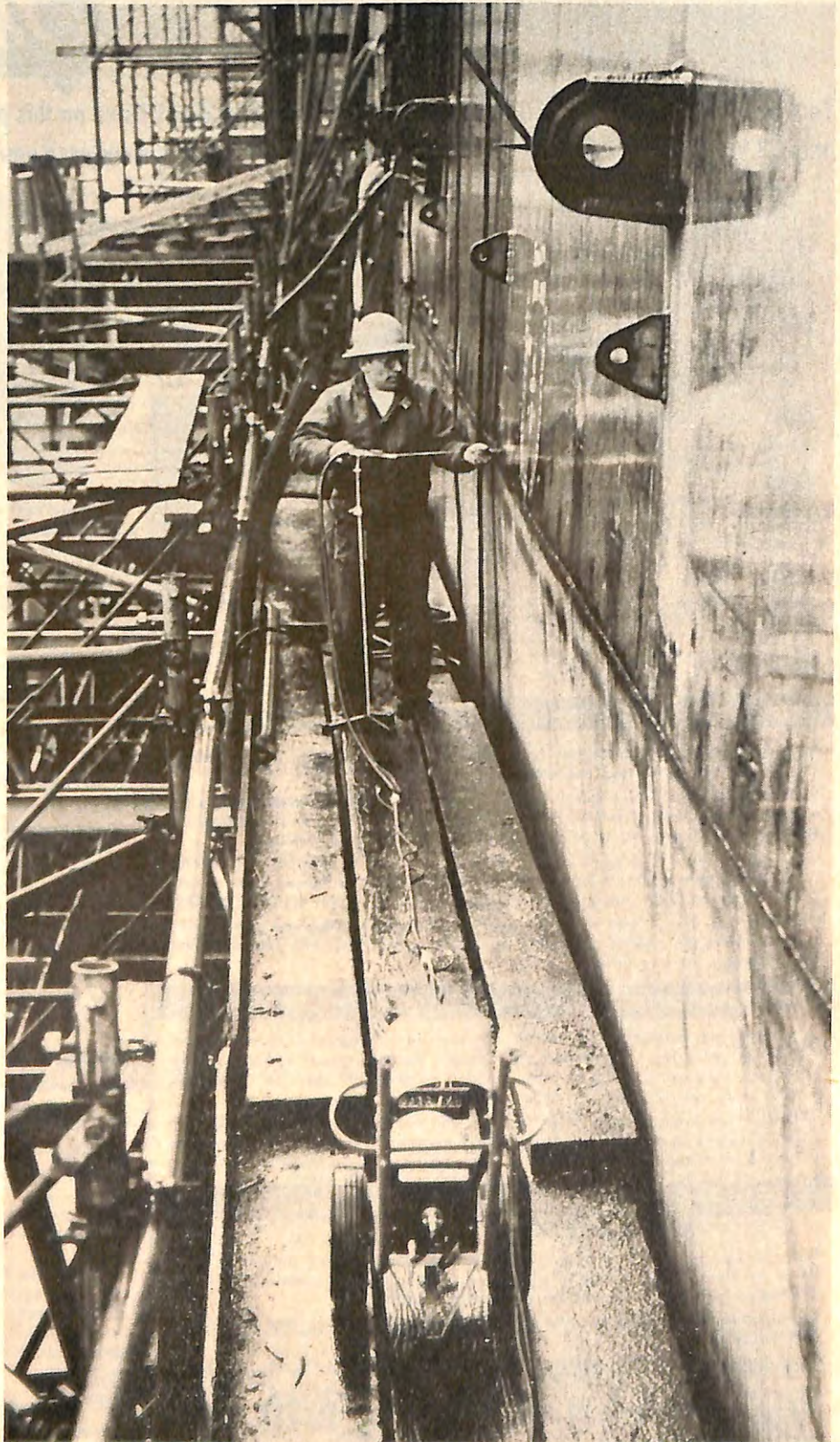
MORE THAN 20 years have passed since the first controlled nuclear chain reaction took place. More than 10 years have passed since President Eisenhower's historic "Atoms for Peace" speech at the United Nations. A lot of neutrons have flowed through reactors by now; it's time to ask how atomic energy has changed our world other than with weapons of destruction. How fantastic were the prophecies and how accurate the predictions?

That first chain reaction took place on the afternoon of December 2, 1942, in a squash court under the stands of Stagg field, the football stadium at the University of Chicago. In this cavernous room, a group of physicists and engineers had hand-built a pile of graphite blocks interwoven with ingots of uranium. It was a Rube Goldberg contraption. The control rod that was to start and stop the reaction was pulled out and pushed into the pile by hand. The safety system that would shut the reaction off in case the control rod did not work was suspended at the end of a rope, and a man stood by holding a hatchet.

But there was no need to cut the rope. The pile worked. The scientists gradually withdrew the control rod, released the energy contained within the nucleus of atoms of uranium, recorded the release, and shut the pile off by pushing the control rod back into the blocks.

That December afternoon marked the beginning of a new scientific era—the age of the nuclear reactor and the widespread use of nuclear energy for both war and peace. But it was not until the Japanese cities of Hiroshima and Nagasaki were destroyed in 1945 that the world first began to learn of what had occurred in Chicago three years earlier and what it signified for the future lives of all men.

*The Phoenix Project is a living memorial to the University of Michigan's war dead. Named after the mythical Egyptian bird that periodically was consumed by fire and rose from its ashes, the Phoenix program is a broad study of the peaceful uses of atomic energy, encompassing research in medicine, cellular biology, chemistry, physics, and a variety of other scientific fields. Dr. Greenbaum also edits *Phoenix*—the Project's official quarterly journal.



This shipyard worker uses a remote control iridium machine to radiograph the welded joints of an aircraft carrier hull. Employing isotopes, radiography quickly checks the integrity of welds in hulls, pipes, and structures subject to severe stress.

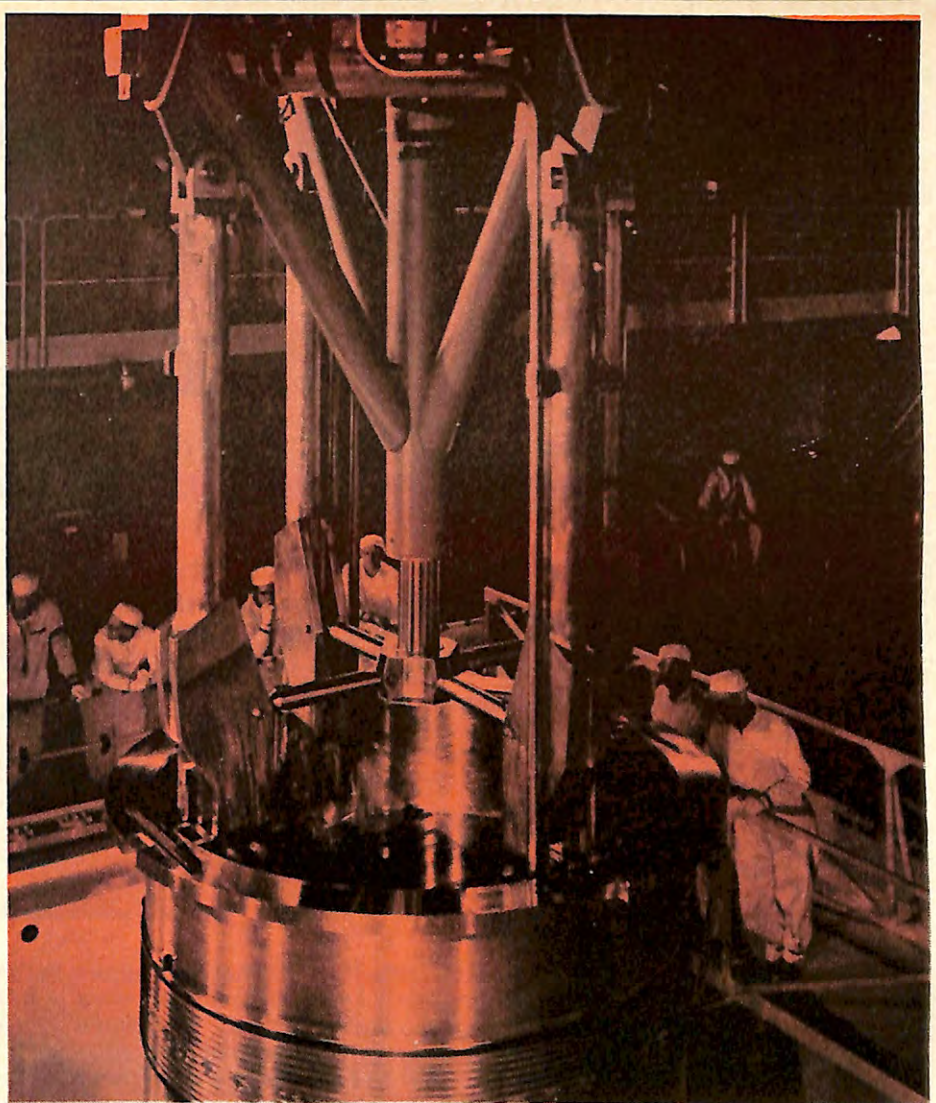
The awe and fear that was inspired by the atom bombs' destructive power soon found expression. The release of the forces in one gram of matter, it was written, would raise the Empire State Building 20 miles high. One pound of U-235 was equal to 15,000 tons of TNT. A bomb carried by a single plane would have more explosive power than all the bombs dropped in World War II. These descriptions of the destructive atom were matched by speculations about the benefits atomic energy would bring. Typewriters clacked out the paper utopia of atomic energy. "Man would have such power as would make work as we have known it unnecessary." "This secret of the sun, this energy beyond all comprehension, this power to revolutionize man's way of living has been found." "Mankind stands at the threshold of a future no one can foresee."

But many tried to foresee it. To explain the significance of nuclear energy, attractive comparisons were drawn. A two-inch cube of uranium would produce the same amount of energy as 3 million pounds of coal. Cars, trains, planes, and ships would all be powered by nuclear energy, which would be as free as the air at gasoline stations. A fuel supply no bigger than a man's fist would be built into every car at the factory and would last the lifetime of the automobile. An atomic fuel element the size of a brick would enable planes to fly around the world faster than the speed of sound. A ship the size of the Queen Mary would be propelled across the Atlantic by a cup of atomic fuel. Automated factories operating with almost free energy would produce a flood of consumer goods.

Predictions such as these were in a tradition as old as the experimental studies that first showed there was such a thing as atomic energy. Just one year after Marie and Pierre Curie isolated radium, the world was attributing great things to come from the tiny grains of this element that seemed to give off heat and glow perpetually. In 1903, when a single grain was shipped to St. Louis for the opening of the World's Fair in that city, the St. Louis Post-Dispatch devoted a full page to the story. The headlines spoke of "The Most Wonderful and Mysterious Metal in the World," and the story reported that "by means of the metal all the arsenals in the world might be destroyed." (On the same page, an advertisement announced that a 16 oz. bottle of Dr. Grant's Tonic was an absolute cure for epilepsy.)

When the fission process (the method by which the uranium atom splits and emits both energy and the neutrons that carry on a chain reaction) was discovered in 1939, the atomic future took on

(Continued on page 33)

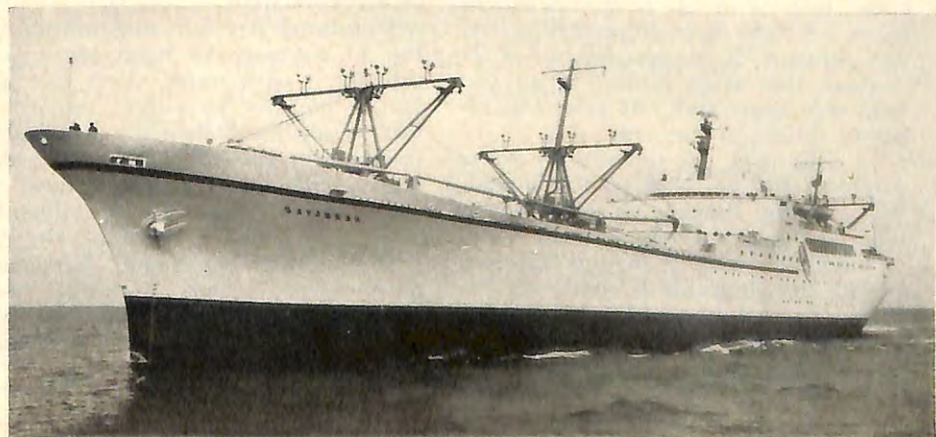


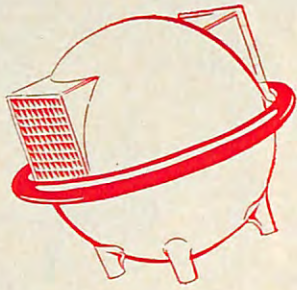
For seven years now, this full-scale atomic electric generating station devoted exclusively to civilian needs has been in operation at Shippingport, Pa. The fuel or nuclear core, wherein fission takes place, is shown being lowered into position.



The pattern of this woman's thyroid is being traced here on paper by a scintiscanner, which, when moved back and forth across the thyroid area, detects radiation emitted by previously administered radioactive iodine.

The feasibility of using atomic reactors to power merchant vessels has been demonstrated by the N.S. Savannah—the world's first nuclear cargo passenger ship.





The Case for HUMIDIFYING Your Home

By HARRY WALTON

We hear a lot these days about air pollution, but another factor affecting the quality of indoor air—especially in winter—is the humidity level

"ON A BRISK NIGHT if I can see into my neighbor's living room," a doctor said recently, "I know he is in an unhealthy atmosphere."

The physician meant that fogged windows coupled with cold weather are a sure sign that the indoor humidity is lower than it should be for health and comfort. Super-dry home air is commonly and appropriately blamed for irritating dryness in the nose and throat, but the average person rarely realizes that there are other detrimental effects.

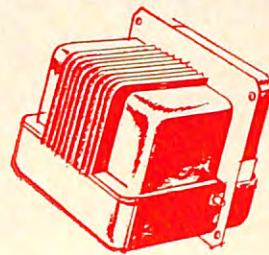
For instance, when indoor humidity is at a low level, you may feel chilly, even if the room temperature is 74 degrees. Dry air aggravates colds and other respiratory conditions, and, in the opinion of some doctors, is at least partly responsible for their development. And low humidity afflicts some people with dry skin, hair, and scalp.

Dry air also loosens piano tuning keys and furniture joints, robs rug and drapery fibers of their resiliency, and promotes the static electricity that gives us harmless but annoying shocks.

In a heated house or apartment, the air will become super-dry just as surely as it's cold outside—unless moisture is added. The amount of moisture that air can hold depends on its temperature. At 70 degrees, the 14,000 cubic feet of air in a moderate size house can hold up to 16 pints of water. But outdoors, if the temperature is 31 degrees, that same volume of air can hold only four pints. At zero, the capacity shrinks to one pint.

In each case, the quantity of water produces 100 per cent relative humidity. Usually, though, air holds somewhat less moisture than it could.

No matter how well your house is sealed, the air inside is constantly being exchanged for outdoor air. What happens when 14,000 cubic feet of 31-degree air at 50 per cent relative humidity is taken into the house and heated to, say, 70 degrees? Its water



capacity shoots up to 16 pints, but the air taken in has only two pints in it—or an eighth of that. The relative humidity is 12½ per cent.

This is very, *very* dry air: The average humidity of Death Valley is about 23 per cent. And if in our example the thermostat is set higher than 70, which isn't uncommon in American houses, the indoor humidity will be even lower than 12½ per cent.

Because super-dry air is literally thirsty, it drinks moisture from anything it comes in contact with, including the human body. Although we may not be aware of perspiring, moisture is actually evaporated from the skin—a cooling process. That's what can make you feel chilly in a warm house. Most people react to this condition by nudging up the thermostat, thus lowering the relative humidity even more. That's not the right road to real comfort.

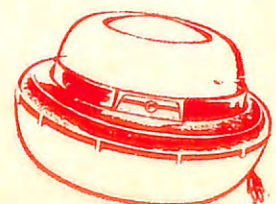
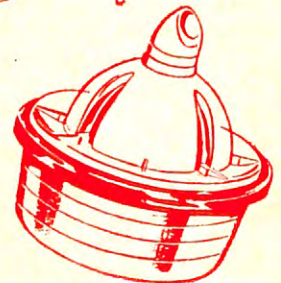
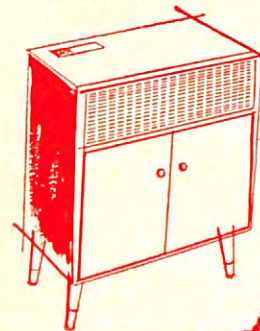
Our nasal passages not only warm the air entering our lungs but try to saturate it with water. Very low humidity imposes an almost impossible task on the mucous membranes. They're dried out by the onslaught of super-dry air, becoming, according to medical experts, more susceptible to infection. Writing in a medical journal, Dr. Arthur W. Proetz has stated: "Demands on the nasal glands are great, even under usual conditions, and they cannot cope with extreme dryness indoors in winter."

What's the solution?

The solution is a humidifier that

mechanically puts badly needed moisture into the air of your house. Many doctors who have recommended humidifiers noted that, as a result, their patients have fewer colds and coughs and respiratory infections in general. Relief and speedier recovery from attacks of asthma, croup, sinus trouble, and postnasal drip have also been re-

(Continued on page 23)





Anniversary Checkup

During these past months, we have had the opportunity of inspecting many Elks Lodges in all parts of the country. Many of them are impressive in size, appointments, and facilities. Others have been smaller but, equally important, have been neat and clean, and attractive.

It is obvious that our local officers and leaders realize that it is good public relations and a most valued asset to maintain the real property of the Lodge, to retain members, and to attract our fellow citizens to participate in the work of our Fraternity.

Our Committee on Lodge Activities recently suggested in its communications to all Lodges that a committee be appointed to reevaluate the Lodge Home, and make recommendations

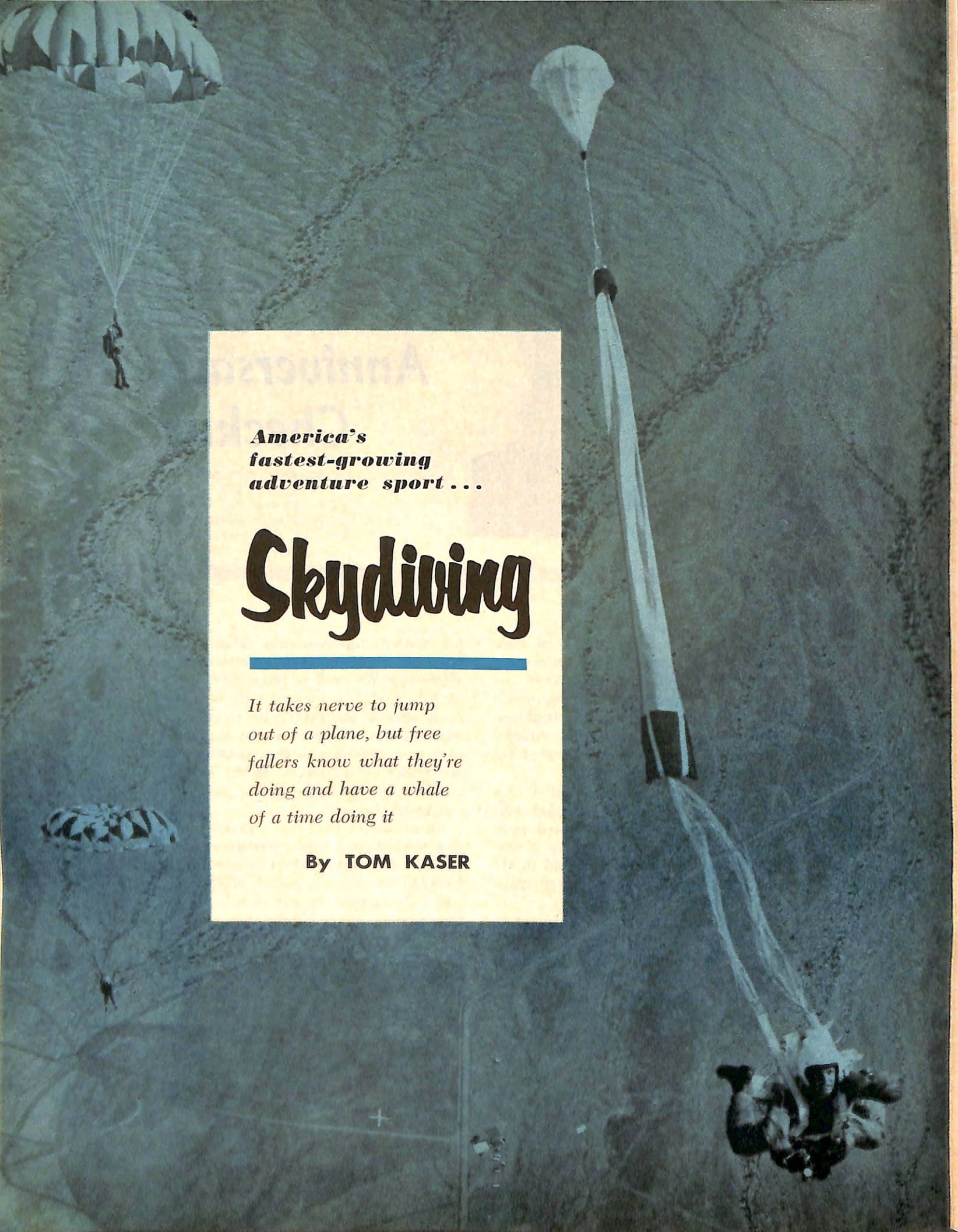
for needed improvements. This is a practical suggestion and worth consideration. We need to remember that an Elks Lodge in a community is representative of our Fraternity to everyone who sees it, or comes in contact with it in any way, so the standing of our Order is influenced in no small measure by what the public sees of our Lodge Homes.

An attractive home for a Lodge is a step toward good family participation, because our wives and friends will want to attend our social functions and give support to our members in their various public efforts.

We trust that in our 96th year of existence, you will plan a program of dressing up and improving your Lodge home facilities.

Ronald J. Dunn

RONALD J. DUNN, *Grand Exalted Ruler*

An aerial photograph of a desert landscape, likely a sand dune area, with several skydivers and their parachutes visible. One skydiver is in the foreground, upside down, with their parachute fully deployed. Other skydivers and parachutes are scattered across the landscape, some appearing as small figures in the distance. The overall scene is captured from a high altitude, looking down on the terrain.

**America's
fastest-growing
adventure sport...**

Skydiving

*It takes nerve to jump
out of a plane, but free
fallers know what they're
doing and have a whale
of a time doing it*

By TOM KASER

"THERE'S no feeling like it on earth. You jump from the plane and stretch yourself out in a spread eagle. The roar of the engine quickly fades away, and suddenly you're in a world of your own. There's absolutely no sensation of falling, and if I didn't know better I'd say it's like drifting your way to heaven. It's terrific!"

These are the words of a skydiver. His name is Bill Floyd, and he is a Chattanooga, Tenn., father of two who overcame cancer to become one of the crack jumpers of his state. Like 25,000 other parachutists in this country, he feels he doesn't have to apologize for the sport. He loves it, he's convinced that it's safe, and to him that's all that matters.

Today, skydiving is America's fastest-growing adventure sport. Its current status is compared with that of skindiving 10 years ago, but most jumpers believe their sport will surpass skindiving as a national sport. They also believe that skydiving is not as difficult—or as dangerous—as it looks. "It's as easy as falling out of a plane," says Tucson jumper Al Hoffman, founder of the only skydiving school in southern Arizona.

Although the sport is only about 10 years old in this country, its antecedent can be traced back to 1797, when a fearless Frenchman named André Jacques Garnerin jumped from the gondola of a balloon some 2,000 feet above Paris. Thousands of breathless spectators below thought they were witnessing a suicide, but what they saw instead was the first successful parachute jump in history. Garnerin drifted slowly toward earth in the gondola of a parachute held rigid by a wooden pole which extended up the center.

Garnerin met his death 35 years later when a "safer" parachute he had designed plummeted to the ground near Kent, England, but other adventurers were not convinced that the parachute was necessarily dangerous. Modifications of Garnerin's rigid chute followed, and in 1885 an American named Thomas Baldwin made the first successful descent with a collapsible device made of cloth.

This opened new frontiers in parachuting, particularly after the invention of the airplane. U. S. military leaders failed to recognize any life-saving value in the new device—on the grounds that it was almost as dangerous as crashing with the disabled plane—but more than 800 balloonists descended safely with parachutes during World War I. Still, parachuting remained the folly of such daredevils as Charles Broadwick and his daughter, Tiny, who performed at county fairs and exhibitions throughout the U. S.

The sport of skydiving was born when parachuting per se became old hat. Adventurists began to delay opening the chute to see what it was like to fall through thin air at a speed faster than any man had traveled before.

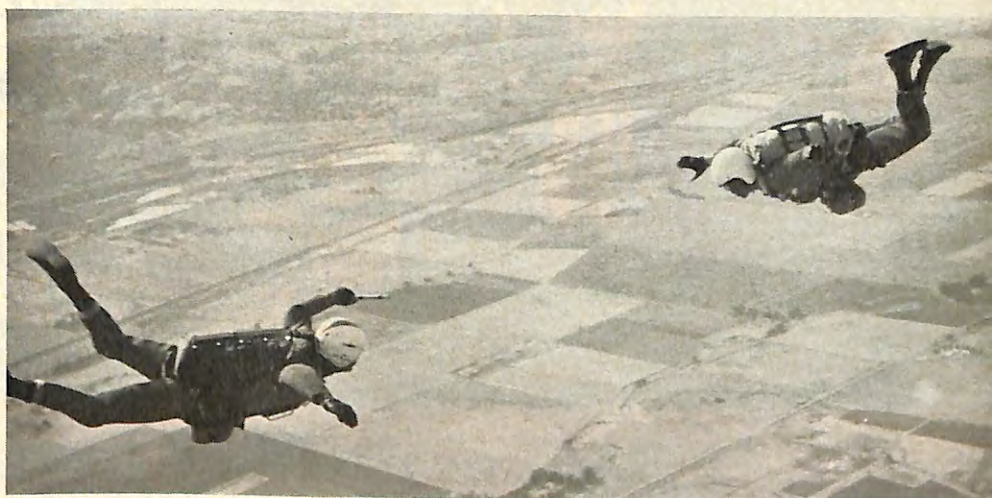
In 1924 an Army sergeant named Randall Bose, acting on a bet that he could plummet 1,000 feet and still open his chute, actually plunged 1,800 feet before pulling his crude ripcord, thus becoming the first person to make an extended free-fall jump. (Continued on page 45)

Facing page: A skydiver is shown just at the moment his chute begins to open. By pulling his ripcord, this jumper has released the small pilot chute, which, in turn, has pulled out the main one. All three divers here are practicing target jumping. The "X" (middle bottom) marks the spot they're trying to "hit."



George Baker/The Chattanooga Times

New to the game but eager to try it, this skydiver takes his first plunge—from a single-engine Cessna, using a static line that opens the chute for him.

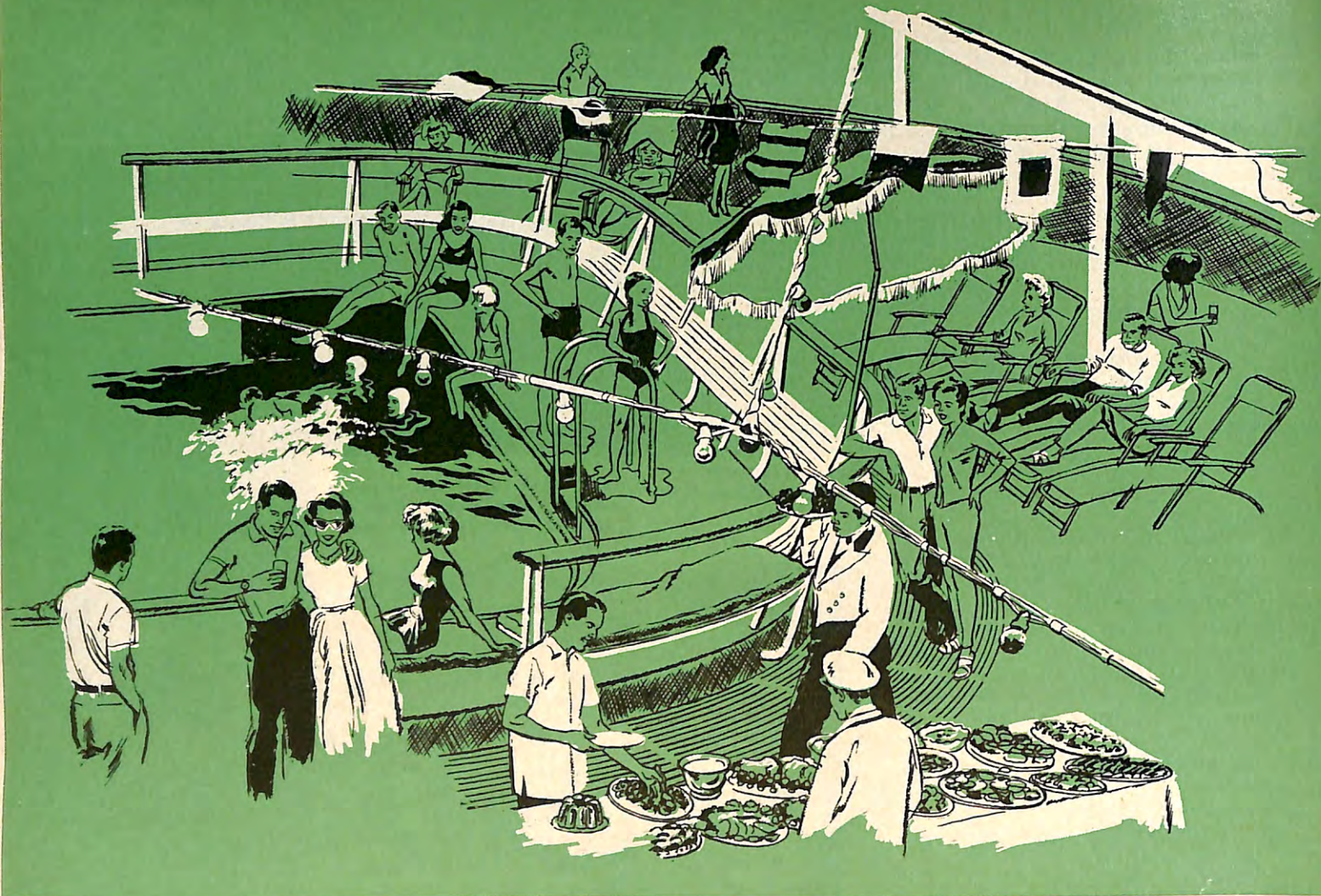


Jim Pol

When skydivers become more skillful and confident, they begin to try such stunts as turns, back flips, and "hula hoops." Here at 3,000 ft. above Hemet, Calif., two divers, with altimeters on their reserve chutes, close in for a baton pass.



To capture free-fall action on film, Jim Pol uses a helmet-mounted .35 mm. camera with a long shutter release, held in his left hand.



There's Nothing Like Going by Ship

Expediency has promoted air travel, but our jet vet writer's allegiance is really with the ships—luxury liners and freighters alike—that ply the sea

By **JERRY HULSE**

NO DOUBT you're familiar with all the slogans extolling the special pleasures of steamship travel: "Half the fun is getting there," "Take your hotel with you to Europe," "Enjoy your trip, go by ship."

Well, unlike a lot of the travel pitchmen's hyperbole, the steamship people's campaigns are both tasteful and remarkably unexaggerated. Half the fun *is* in getting there—dining and dancing and sunbathing your way to an alluring destination across the sea. Nothing can compare with ship travel for getting you there: be it Europe, the Orient, or the Caribbean, the Mediterranean, the South Seas.

Of course, if time is all-important, then jet travel is in order. I certainly

won't put down the big birds. I knock all around the world in them with a frequency that makes me almost a candidate for a most-flying-hours award. But if I have the time—I take a ship. Name me a more relaxful way of traveling? Often the days at sea are more satisfying than the time you spend after reaching your destination, no matter how and romantic it may be.

In fact, I once met a couple who never even got off the ship when it

reached their port of disembarkation; they decided during the crossing that they were having so much fun that they'd turn right around and sail back home.

"We came on this trip to relax and get away from telephones and all that nonsense that drives landlubbers mad," said the husband.

Nothing is so downright sentimental as the half hour or so before sailing time. It's usually spent with good friends who've come to wish you bon voyage personally. All the ladies get a little teary-eyed. Then a voice comes over the loudspeaker advising all those going ashore to do so. Departure is imminent. Passengers line the decks to wave good-bye and hurl a rainbow of



paper streamers at those on the dock.

My heart always skips a beat when the gentle throb of the engines—far below decks—sends a little shudder through the ship. Suddenly the ship is moving; your friends on the dock grow smaller and landmarks diminish in size. Music showers down sentimentally from somewhere.

Feel a little like crying in your champagne? Go ahead; I did once, embarking from Le Havre. As soon as the ship is really underway everyone dashes madly for the bar. After all, it'll only be open until three or four o'clock—A.M., that is.

Being at heart an escapist, I think passenger liners are built for me and everyone like me who has an unabashed desire to get away from it all. Just think of it: for a few days, no traffic jams, no jangling of the phone to set your ulcer off, not even the customary copy of the morning paper with its "happy" headlines. I know it sounds trite, but it's true: the sea is another world—a happy, carefree one of contentment.

Whenever I'm at sea, I follow a morning and evening ritual. First, I try to be up for the sunrise each morning, even if it means going back to bed later. Have you ever seen the sun rise,



framed only by the blue sea and the blue horizon, with perhaps the small intrusion of a cloud or two? It's worth forgoing some shut-eye.

The other half of my ritual involves being out at the fantail of the ship around bedtime, watching the champagne wake from the propeller. If there's a moon, so much the better. Then the wake becomes a silver line on the dark canvas of the sea. While I'm enjoying this sight, inside people are dancing, perhaps some for the first time in years. A sea voyage tends to have this effect. The music drifts out to me and wafts off into the immense expanse.

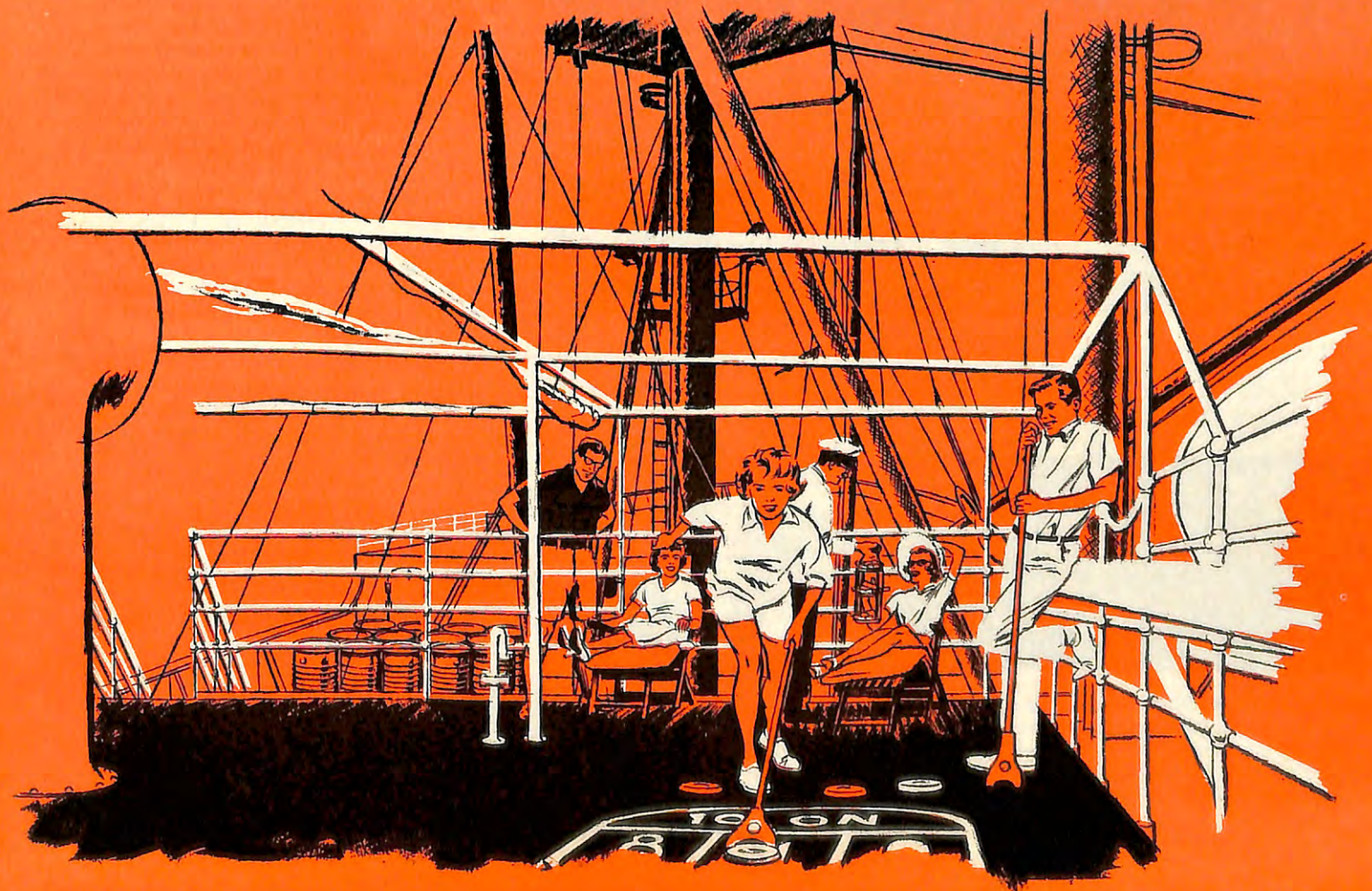
Some of today's ships make our deluxe hotels seem shabby by comparison. These air-conditioned floating cities include among their facilities and enticements swimming pools and gymnasiums, steambaths and massage rooms. You can skeet-shoot, play deck tennis or shuffleboard, ping pong, even "golf" by wacking balls off the fantail. They have theaters that show first-run and pre-release movies, live orchestras

to play in the ballrooms, and parlors where you can play the horses and bingo. And on some of them, the businessman who has to get work done while traveling can avail himself of expert stenographic services, dictating equipment, and so forth.

If you intend to be lazy, however, a ship is the place to indulge yourself, either by snoozing away the hours in a deck chair or just gazing off at the sea, hypnotically. Occasionally another ship will scratch the horizon, breaking the spell temporarily.

The steamship lines have won their reputation by offering passengers relaxation plus pampering. Think you could put up with this routine? First, breakfast (in bed, if you like), then a cup of bouillon around ten A.M., followed shortly by lunch. Afternoon tea is served about four o'clock. Not long after, everyone freshens up for cocktails and dinner. Finally, a midnight buffet, or perhaps, if you're still wide awake, you'll join the other die-hards around the piano bar. The keyboard is covered only when the last couple has sleepily shuffled off to bed. There's something special about joining in a songfest at sea, late at night.

On the new \$80-million S. S. *France*,
(Continued on page 39)



St. Louis Sports Program



ST. LOUIS, Missouri, Lodge's Sports Night found it was all in the Cardinals. Pictured with E.R. Joseph W. Martino, center, are Charley Johnson of the St. Louis Football Cardinals who was named Outstanding Sports Figure of 1963, left, and Bing Devine, Gen. Mgr. of the St. Louis Baseball Cardinals who received the Bruce A. Campbell Memorial Award.

YOUNG CHARLEY JOHNSON, leading quarterback for the St. Louis Cardinal pro football team, was honored as St. Louis' "Outstanding Sports Figure of the Year" at the 14th Annual Sports Celebrity Night Dinner sponsored by St. Louis, Mo., Lodge, No. 9. Bing Devine, General Manager of the city's well-known diamond Cardinals, was the recipient of the Bruce A. Campbell Memorial Award, the honor that goes each year to the non-participating St. Louisian who makes the greatest contribution to sports during the year. Exalted Ruler Joseph W. Martino made the presentation to Johnson, while C. C. Johnson Spink, publisher of *The Sporting News* and an earlier recipient of the Campbell Award, gave that trophy to Devine.

National League Umpire Tom Gorman was an entertaining featured speaker at the affair which is held for the benefit of the Elks' Shoe Fund, and which will provide shoes for about 1,400 of the area's needy school children this year.

Highlight of the evening was a special tribute to Stan Musial and his wife who were celebrating their 24th wedding anniversary and "The Man's" 43rd birthday that day. Marking these happy events was a 300-pound cake, six feet in diameter and shaped like the forthcoming St. Louis riverfront stadium, which Stan cut for each of the 750 guests, after accepting a beautiful portrait of himself and his wife.

Johnny Keane, Manager of the baseball Cardinals, flew in from Houston to make a short talk at this affair in which Sports Editors Bob Broeg of the *Post-Dispatch* and Bob Burnes of the *Globe-Democrat*, and the well known Branch Rickey, now a Cardinal consultant, played leading roles.



POINT PLEASANT, New Jersey, Elk officials are pictured with some of the famous Duquesne Univ. Tamburitzan students whose show they sponsored. In the background are, left to right, Walter Meseroll, William Bolger, Co-Chairman Clemens Bremer, E.R. Foster Hatch, General Chairman Nick Kewitt, Ron Gahr, Frank Schroeder and Mac Sutherland.



PENNSYLVANIA ELKDOM's first mobile unit of its new Cerebral Palsy Program is presented by Major Project Chairman James Ebersberger, second from left, to Dr. D. Eugene Losasso, West. Pa. Pres. of United C/P, third from left. Looking on, right to left, are Past Pres. R. G. Benton of the C/P group; the unit's nurse Mary Ann Peterson, Lydia Coulter, Dir. of Spring Church C/P Center, and Leslie Park, Exec. Dir. of the State's United C/P.

AFTER MANY MONTHS of planning, the Elks of Scranton, Pa., Lodge, No. 123, broke ground for the ultra-modern home they're building on a hill overlooking the Scranton-Pocono Highway. With Exalted Ruler Julius Weinberger swinging the pick and Trustees Chairman John Dennebaum handling the shovel, the ceremony also signaled the Elks' drive for 250 new members.

The first phase of the construction, costing approximately \$160,000, will be opened this Spring. It is designed as a "family" type clubhouse with facilities for dining, recreation and swimming. The 74-year-old lodge sold its old home for \$90,000, purchased the Stoehr mansion for \$70,000. Major improvements are being made on this property to adapt it to club use. Later the existing swimming pool will be enlarged and cabanas constructed.

Participating in the ground-breaking were a number of civic officials, including Mayor Wm. T. Schmidt, Asst. U. S. Attorney Carlon M. O'Malley, Jr., Chairman of the Building Committee, Congressman Joseph McDade and many others.

THROUGH the interest of Point Pleasant, N. J., Lodge, No. 1698, the internationally known Duquesne University Tamburitzans' concert thrilled a capacity crowd at a two-hour performance sponsored by the Elks. The "Tammies" have been a tradition at Duquesne for 26 years; all scholarship students, they feature European folklore in custom, costume, song, dance and instrumentation to perpetuate European cultural folk traditions. When on foreign tour, they often feature American folklore.

Among the 28 numbers they presented, there were spirited Croatian songs and dances, a Macedonian men's dance, a Tadzhiastianian water jug dance and a bayan solo, all enthusiastically received by the audience. Following the concert, the performers were guests at a buffet at the lodge home where the young people again presented impromptu songs and dances, with the Elks and their guests joining in.

Duquesne is considering applications for Tamburitzan scholarships. These awards, valued in excess of \$7,000, provide an opportunity for high school graduates who have the scholastic qualifications and required musical talents to avail themselves of an excellent college education in any of the University's eight schools.

JERSEY CITY, N. J., Lodge, No. 211, reports the sudden death of Past Exalted Ruler Charles P. McGovern on October 20th at the age of 70. A member of his lodge for 42 years, Mr. McGovern was District Deputy in 1940 and 1948-49 President of his State Association.

Fellow Past Exalted Rulers, led by Joseph F. Bader, Home Member of the Board of Grand Trustees, conducted services honoring Mr. McGovern's memory.



CIRCLEVILLE, Ohio, Lodge's 75th Anniversary had famed entertainer Ted Lewis as featured speaker when he received his 50-year-membership pin and an Honorary Life Membership. Left to right are E.R. Leo Morgan, State Pres. Lawrence Derry, Past Grand Exalted Ruler Fred L. Bohn, Ted Lewis, former Grand Chaplain Rev. Richard J. Connelly and Past State Pres. Dr. David Goldschmidt, General Chairman.



COLUMBUS, Ohio, Lodge turned out in full force to pay tribute to Wilmer Isabel, erstwhile punter and halfback of Ohio State Univ., pictured at right with Ohio State's great football coach Woody Hayes who was elected Ohio's "Elk of the Year" for 1962.



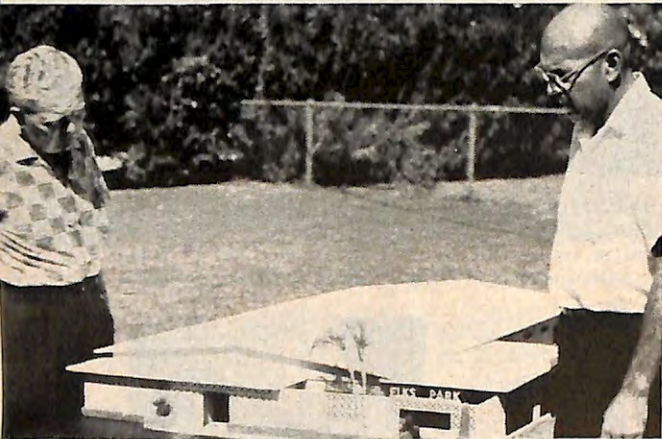
FORT LAUDERDALE, Florida, Lodge was fortunate in having Past Grand Exalted Ruler as principal speaker for its annual Newspaper Night Dinner-Dance at which Edward Magill, City Editor of the *Fort Lauderdale News*, received the Elks' 1963 award. Left to right are Mr. Hall, News Mng. Editor Milton Kelly, E.R. Roger Norton, Mr. Magill and P.E.R. Emerson Allsworth. Over 30 staff members of newspapers, radio and TV stations, and their spouses, were honored at this affair.



WARREN, Michigan, Lodge, No. 2169, was ushered into the Order with 134 members. Photographed at the institution ceremonies were, left to right, foreground, Grand Lodge Committeeman Hugh L. Hartley, Dist. Vice-Pres. R. B. Helm, Charter E.R. James Edwards and D.D. Don Wilson; background: Past State Pres. A. A. Vernon, host E.R. C. G. Simpson, State New Lodge Chairman Al Tillin and Special Deputy Irvine J. Unger.



SEASIDE, Oregon, Elk officials honored D.D. Fred Stefani, fifth from left foreground with E.R. Dan Uzelac on his left, with the initiation of this class of 18.



TEMPE, Arizona, Trustees Chairman William Joyce, left, and Est. Lead. Knight Nick Bozovich inspect a model of their lodge's proposed building which is part of a five-acre park complex being planned. The building will be completed this month.



EUGENE, Oregon, Lodge honored Roy Curtis, left, taking recognition of the fact that he has never missed one Service honoring his Departed Brothers of his lodge in 52 years, and on each occasion sings the composition, "The Vacant Chair." He is pictured at left accepting the Elks' blanket presented to him by the lodge, represented by P.E.R. C. A. Clark.



CORVALLIS, Oregon, Lodge presented Life Membership on the occasion of the official visit of D.D. Roy Moss. Pictured at the ceremony were, left to right, Charter Members Ralph Coleman and Henry R. Patterson, D.D. Roy Moss and Charter Members Percy Loccy, L. R. McKenzie and Fred McHenry. Other recipients unable to attend the meeting were R. B. Snyder, S. E. Whitman and William Konick.

RANGELY, Colorado, Lodge's annual barbecue had the whole town as guests when the Elks took over the City Park, as well as the Municipal Swimming Pool which they rented for the day and opened free to the public. The Youth Center became a cafeteria where nearly 600 people enjoyed a buffet. Highlight was a softball game between the ladies and the men who graciously altered game rules in the ladies' favor and let them take the contest 29 to 11. E.R. Don Fullenwider, the Elkettes and Junior Hume's House Committee deserve a big hand for a big success.





CINCINNATI, Ohio, E.R. Ansel Russell, Jr., right, initiated his father, center, in the presence of D.D. Willard Miller, left. Eight other candidates included the nephew of Est. Loyal Knight Phil Gottlieb.



NORTH CANTON, Ohio, Lodge served all meals to players in the four-day Regional Little League Tournament. Here, E.R. Glenn Whitis welcomes Regional Dir. R. W. Gray, Jr. Left to right: Mayor G. W. Swindell, Mr. Whitis, Mr. Gray and Tourney Mgr. Fred Huth, local Little League Pres.



ITHACA, New York, Lodge's 40-year Secy. Erford Collier, center, was honored on his retirement. With him are, left to right, Fred Row who preceded him as Secy., and P.E.R.'s P. C. Sainburg, P.D.D., William Burns and R. I. Williamson.



TALLAHASSEE, Florida, Lodge honored W. V. Knott, second from left, on his 100th birthday when he received a 60-year membership pin presented by E.R. C. F. Essig, Jr., left. Fifty-year Elks also honored were left to right, B. A. Ragsdale, W. A. Bass and G. E. Lewis.

Lodge Notes

Courage is the word for Paul Kephart. The 50-year-old veteran of World War II lost both legs in France in 1944, yet proves he can do almost anything other people can do. He is President of the Beloit, Wis., Elks Bowling League and an inveterate player himself. Besides this sport, Kephart is a hard-working salesman, plays golf, basketball and enjoys dancing. He maintains his own home, climbs ladders when necessary, drives a car, and in his spare time he's on call to doctors who want to demonstrate that handicapped persons definitely can make a comeback. He considers himself one of the world's luckiest guys—he came back from France while most of his buddies didn't.

When 84-year-old John McKay, a member of Tewksbury-Wilmington, Mass., Lodge, retired recently to take up residence at the Elks National Home in Bedford, Va., his fellow Elks gave him a send-off he'll never forget. A big crowd of Elks, and other friends, at-

tended the affair. Air transportation to Bedford was provided for this 45-year-Elk, as well as a complete new wardrobe.

In recognition of Newspaper Week, the Elks of Oelwein, Iowa, entertained all the community's newspaper carriers at a picnic at City Park, with Club Manager Frank Duda in charge, and Rose Short doing the cooking.

The police dogs of Hartford, Conn., are sporting handsome new winter blankets which were the gift of the local Elks. The outfits not only keep the dogs warm, but allow them complete freedom of movement on the job.

Jack R. Froom of Wausau, Wis., Lodge, a Past District Deputy and former State Association President, toppled bowling pins at the Wausau Elks' Lanes recently to the tune of 297, taking over the lead position on the Bowling Honor Roll. After scoring eleven consecutive strikes, his last ball grazed the head pin, left the 4, 7 and 8 standing.

W. C. DeVry, a member of Chicago (North), Ill., Lodge, received the Cross of The Order of Merit from the Federal Republic of Germany recently. The award was formally presented by German Consul General Eugen Betz at a dinner-dance commemorating the event at the Germania Club. The Cross took recognition of DeVry's efforts in fur-

thering amicable relations between West Germany and Chicago and the entire Midwest.

The Boy Scouts aren't the only such group in which Elkdom is interested. Not long ago Abington, Pa., Lodge presented a Flag and stand to the Girl Scout Troop recently organized there.

A Flag that once flew over the Nation's Capitol was recently presented by Fort Lee, N. J., Lodge to the Aluminum Company, represented by Mgr. Roy Fisher in the presentation ceremonies. Also participating were Esteemed Lecturing Knight Henry Schelberg, Chairman of the lodge's Americanism Committee, and U. S. Congressman Frank C. Osmers, Jr., a member of Hackensack Lodge who also presented a Flag to Fort Lee Lodge.

Support for the United Fund Campaign received quite a boost when Committee Chairman James A. Ball and Exalted Ruler Dan Williams presented Terre Haute, Ind., Lodge's \$500 check to UF President T. Wade Markley at a meeting of the lodge which is part of the UF organizations division.

Speaking of community service, Albuquerque, N. M., Lodge recently contributed \$1,000 in cash to the PTA Clothing Bank to purchase new shoes for many local children who would otherwise be unable to attend school.



GREENFIELD, Massachusetts, E.R. G. E. Bonnette, left, presents the first of three \$500 checks to P.E.R. F. J. Cerrato, center, General Chairman of the Farren Memorial Hospital Bldg. Fund Drive. At right is Est. Lead. Knight R. J. Moylan.



ELIZABETH, New Jersey, Lodge was host to 500 persons at a testimonial dinner-dance honoring Joseph G. Krajack, Sr., for his many years' service as Trustee and House Committee Chairman who received a plaque and an Honorary Life Membership. Left to right are D.D. Marvin Katz; Est. Lect. Knight D. C. Moore; William Watt, Gen. Mgr. of the Eastern Tank Carrier Conference in Washington, D.C., who was guest speaker; Mr. Krajack, P.E.R. H. E. Bower who was Toastmaster, and E.R. E. D. Clark.



EASTON, Maryland, Lodge's P.E.R. Paul Randall, third from left, presents an oil painting of jr. P.E.R. Harry F. Trumpower, left, to Mrs. Trumpower at a banquet in their honor. At right is E.R. Harry D. Slaughter, Jr. A similar painting has joined portraits of all the other former E.R.'s in the lodge room.



MONESSEN, Pennsylvania, Lodge officials promised their new pool would be opened in 1963 and braved the elements to keep that promise for the first major step in the \$400,000 redevelopment program which includes a spacious new home.



GARFIELD, New Jersey, Lodge's Crippled Children's Committee Chairman Walter Sannik, right, presented the lodge's gift of a portable wheelchair to 17-year-old Thomas Lehner in the presence of the young man's mother and Committeemen Thomas Youpatoff, left, and John Gola.



PUTNAM, Connecticut, Lodge's \$500 check is presented to Crippled Children's Committee Chairman G. A. Caillouette, Past State Pres., by Malcom Bianchi.

CLINTON, Massachusetts, Lodge sponsored this title-winning team in the Minor League and honored them at a banquet when each player received a gift from Est. Loyal Knight Emery Perry, Youth Chairman. With them are Mgr. Anthony Carboni, Sr., and Coach Paul O'Toole.



IDAHO became a State in 1863, and for the past few years all of Idaho has been preparing for the centennial celebration.

The observance of this event for Boise Lodge No. 310 was the initiation of a class of exactly 100 men, a plan carried out by an enthusiastic committee headed by Dean Bennett.

The Centennial Class, initiated in honor of District Deputy Coleman Ensign, was the largest class for No. 310 since its institution in 1896. There were 109 candidates ready for initiation, but nine were unable to make it; this left the lodge with one initiate for each of the State's 100 years.

Prior to the lodge session, the class and its sponsors enjoyed a banquet, and then joined more than 400 members for the initiatory ceremonies and a talk by District Deputy Ensign. Later a typical Idaho Tom Turkey Supper was served in the main dining room of the lodge home, with Exalted Ruler Bert Higgins and his officers as hosts.



BOISE, Idaho, Lodge celebrated the State's Centennial with special ceremonies. Taking part were, left to right, State Pres. Robert Bybee, State Vice-Pres. Dan Turnipseed, E.R. Bert Higgins, Patrick H. King of the Grand Lodge Committee on Lodge Activities and D.D. Coleman Ensign.



VALLEY STREAM, New York, Lodge has this photo to commemorate the official visit of D.D. Wm. J. Steinbrecher, pictured third from left foreground, with E.R. Joseph T. Ammona on his right and State Vice-Pres. Richard Miller, fifth from left. Others are candidates initiated in the Deputy's honor.



NEW ROCHELLE, New York, Mayor Stanley W. Church, a P.E.R., left, accepts the Civic Achievement Award presented to him by P.D.D. J. Raymond McGovern at ceremonies attended by 400 persons.



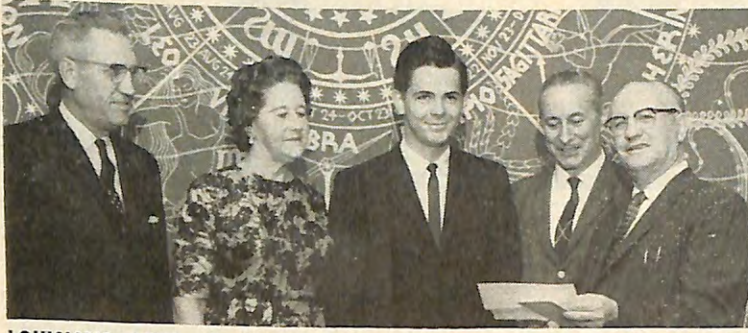
NORTH PLATTE, Nebraska, Elk officials look on as E.R. Roger A. Meckes breaks ground for the lodge's \$325,000 home.

EVANSVILLE, Indiana, Lodge honored the World's Pony League Champions with dinner and entertainment. The youngsters, undefeated in five elimination tourneys and titlists in a field of 5,000 teams composed of 75,000 boys, received a plaque from the Elks. Pictured with them are, foreground, left to right foreground, Chairman Charles W. Kroener, E.R. Wm. D. Stephens, Team Mgr. Bill Altmeyer and Pony League Commissioner Les Ewing.



PHOENIX, Arizona, Lodge's E.R. Harry E. Horn is pictured at right with State Pres. Dan F. Thompson and the sign, part of which can be seen, made for the occasion.





LOUISIANA Elksdom's \$400 scholarship is presented to Kenneth L. Anderson, third from left, by sponsoring Baton Rouge Lodge's Youth Co-Chairmen R. Arango, Jr., and Jules Roix, right. Looking on are the young man's mother and E.R. Julius Weiler. The award supplements a \$200 prize presented earlier.



BARBERTON, Ohio, Lodge welcomed D.D. Harold E. Parker, left, with the initiation of a special class and the presentation of a \$500 check for the Ohio Elks' Cerebral Palsy Fund by Treas. G. W. BenVenuti, a P.E.R., center. At right is E.R. W. R. Henry.



DOWNERS GROVE, Illinois, E.R. George Nelson, second from left, accepts new jewels for his lodge from Mrs. James Langone of the Elks' ladies, the donors. Others are, left to right, Est. Lead. Knight Jack Krajewski, Mrs. Paul Hartman, Mrs. Jason Patterson and Esq. Patterson.



CARMI, Illinois, Elksdom gave the John Cralley Memorial Scholarship Fund a \$500 check, presented by E.R. John Mitchell, center, and Secy. Charles Atteberry, left, to Fund Secy.-Treas. Grace Shook.



PADUCAH, Kentucky, Elks welcome D.D. John J. Campbell. Left to right are E.R. Wm. A. Acker, Est. Loyal Knight J. R. Thomasson, D.D. Campbell and Est. Lect. Knight J. R. Miller.



FESTUS-CRYSTAL CITY, Missouri, Lodge organized a "walking blood bank" among its members, cooperating with Jefferson Memorial Hospital. A long list of volunteer donors was turned over to the Hospital in the event of a major disaster in the area for a quick supply of whole blood. E.R. James F. Sweet, right, presented the list to Hosp. Adm. True Taylor. At left is Elk D. J. Hecktor, Jefferson's Chief Technician.



CHICAGO (North), Illinois, Lodge's "Cardinals" are the League Champions and are pictured with Coach Frank Schmit, right, and his assistant, Chuck Meyer, left, both Elks.

LIMA, Ohio, E.R. Art Irwin, right, presents a \$1,500 check from the Ohio Elks Assn. to the United C/P Clinic of Lima and Allen County, accepted by Exec. Dir. Herbert Darling, left. Looking on is Clinic Trustee Pres. Frank Cory.

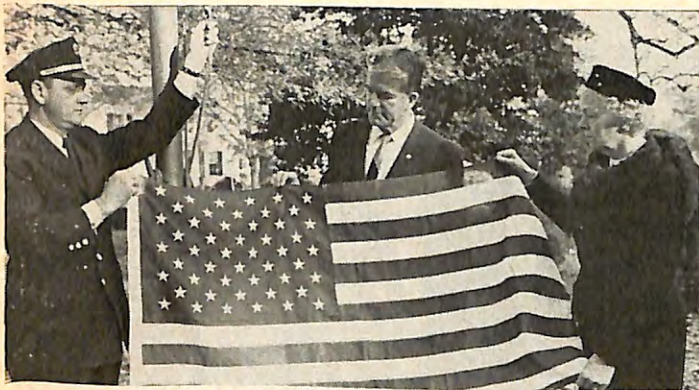




LYNDHURST, New Jersey, P.E.R. Grand Trustee Joseph F. Bader accepts a \$1,000 check for the Elks National Foundation from Mrs. J. Graziano of the Elks' ladies at the lodge's dinner in honor of Elks National Home Supt. and Mrs. Thomas Brady, seated at right.



CHARLEROI, Pennsylvania, Lodge was host to the Area Midget Football Teams at a banquet attended by approximately 300 players, their coaches and parents, and many prominent civic officials. Myron Pottios, star player for the Pittsburgh Steelers, was guest speaker. The event was directed by E.R. T. A. Joswick and Youth Chairman Frank DeCoster.



DANVILLE, Virginia, Lodge's Flag Committee Chairman W. C. Daniel, center, presents a Flag which has flown over our National Capitol to the Danville Library. At left is Asst. Fire Chief Archie Yeatts; at right is Mrs. W. F. Edwards of the United Women of the Confederacy. The banner was obtained through the assistance of U.S. Congressman Wm. M. Tuck.



WESTERLY, Rhode Island, Lodge honored its P.E.R. Fred Quattromani at a dinner marking his election as Grand Tiler. Pictured are, left to right foreground, P.E.R. E. M. Botelle, Hon. John E. Mullen, former Chief Justice of the Grand Forum, Mr. Quattromani, Past Grand Exalted Ruler John E. Fenton and Grand Trustee Arthur J. Roy; background: E.R. J. J. Gentile, D.D. J. A. Buchanan, State Pres. C. W. Higham, Grand Lodge Committeemen J. J. Harty and T. J. Pawlowski, and P.D.D. J. W. Moakler.



FAIRMONT, West Virginia, Lodge honored D.D. George W. May with the initiation of this class of 39 candidates, two transfers and three reinstatements. Mr. May is pictured, sixth from left foreground, with E.R. James V. Palotta on his right.

CALIFORNIA NORTH had a bang-up interlodge visitation recently. Lodi furnished the California Wines for which the area's famous; Woodland's Elks brought along their talented crew of chefs, and Sacramento Lodge, as host, provided its magnificent facilities for an evening enjoyed by 485 members. Left to right are Sacramento E.R. Fred Corfee, Woodland E.R. Ed Day, D.D. Jim Nikitas and Lodi E.R. Frank Johnson, Jr.

BIG BEAR LAKE, California, E.R. Cliff White and his officers were assisted by a group of Grand Lodge officials in the burning of the mortgage on their lodge home. Photographed on this happy occasion were, left to right foreground, Victorville E.R. William Becker, Past State Vice-Pres. J. J. Sousa, State Pres. Vern R. Huck who was guest of honor, host E.R. C. C. White, Past Pres. Guy A. Daniels and Bishop E.R. Gene R. Crosby; background: P.D.D. Ray G. Merrill, D.D. H. Edwin Heil, D.D. Nick Mandich, Jr., State Vice-Pres. Hon. Al J. McCartney and P.D.D. Glenn O. Robertson.





WATERTOWN, Massachusetts, Lodge received an official visit from D.D. Michael J. DeGeorge when he saw 28 candidates initiated. Led by Louis Sampson, Sr., whose two sons are Elks, the class was named in honor of John P. Brennan. Pictured were, left to right, Louis Sampson, Jr., W. Edward Wilson of Newton, host E.R. John J. Maguire, Louis Sampson, Sr., D.D. DeGeorge and Paul Sampson.



TEANECK, New Jersey, Elksdom presents a television set to the Bergen-Passaic Unit for Mentally Retarded Children. Left to right are Elks Harold Nygaard, R. T. Habel, J. R. Mongelli and E.R. Joseph Marone, and, accepting the set, R. S. Burros, J. F. Crowley and Dominick Lombino. Seated is Crippled Children's Committee Chairman Gene Manupelli.



WHITEHALL, New York, Elks are pictured with State Pres. J. J. O'Brien. Left to right, foreground: Est. Loyal Knight Isadore Cohen, E.R. J. J. Rowbo, Lead Knight E. M. Zabielski, Past State Pres. J. H. Furlong, Secy. Background: P.D.D. Wm. R. Eger, Mr. O'Brien, Past Pres. J. J. Sweeney, Lect. Knight D. F. Sykes.



DES PLAINES, Illinois, Lodge pays tribute to its new Life Members. Pictured are, left to right foreground, Charter Member True Wilson, John Heller, Henry Kaufman, E.R. Edward Probst, Al Serfass, Thomas John, Thomas O'Donnell and Jerry Kalal; background: P.E.R. Charles Bolek, William Duntemann, Ernie Kaufman, Edward Cooke, Fred Pesche, Dewey Imig, Henry Steinbrink and Walter Spiegler.



FREEPORT, New York, Lodge climaxed its Annual Charity Drive and Bazaar with the awarding of a 16-day trip to Hawaii to Miss M. Parker. Left to right are E.R. Charles Sass, Mrs. Paulette Edwards, Special Events Chairman Andy Monestere who made the presentation, Miss Parker, Bazaar Committeeman Leonard Kropp, Miss K. Lowe who sold the winning contribution, and Bazaar Committeeman John Lau.



MOLINE, Illinois, Elksdom honored these veteran members at the 15th Annual Old Timers Night Dinner. Left to right: William Karstens and Otto Quade, 52-year Elks; P.E.R. M. R. Carlson, a 61-year member; E.R. Paul Ostman; half-century Elk Wm. H. Brenner; Herbert Eflandt, MC; Harry Pressel, an Elk 50 years, and 54-year-member H. A. Sward.



FRACKVILLE, Pennsylvania, Lodge's Trustee Frank Mirocke, third from left, presents the gold key to the lodge's new home to its Secy. John N. Marshall, third from right. Others present at the dedication included, left to right, E.R. Arlan W. Swade, State Pres. H. Beecher Charnbury, State Secy. Wilbur G. Warner, Past Grand Exalted Ruler Lee A. Donaldson and Grand Lodge Committeeman Edgar B. Herwick.



MISSOURI STATE ELKDOM gave dental treatment to 54 handicapped children while its mobile unit was stationed in Trenton. Photographed are Trenton Elk officials with the State workers. Foreground, left to right: Tiler Glen Crawford, Est. Lead. Knight Willard Skinner, Inner Guard Byran Jacques, E.R. Tom Hansbrough; background: Secy. E. C. Lawson, Lect. Knight Charles Marquis, Chaplain Gordon Blackmore, Esq. Bill Clark, Dr. and Mrs. James A. King of the State Div. of Health, Treas. Maynard Bonta, Past State Pres. Francis Karr and D.D. Eugene Keas.



AUBURN, New York, Lodge's Fred P. Shaw, right, points to the roster of the 100-man class with three of the candidates he proposed, the sons of Elk Wm E. Bouley. Left to right are G. Alan and James K. Bouley, their father, and Terrence J. Bouley.



YORK, Nebraska, Lodge honored 70 newsboys at a dinner directed by Youth Chairman M. B. Bender. E.R. Donald Gillen welcomed the group, introduced guest speaker W. O. Dobler, Editor of the *Lincoln Star and Journal*.



ALLIANCE, Ohio, is national headquarters for the Hot Stove Baseball League and for many years the local Elks have sponsored one of the teams, playing on its own ball field on the lodge's 22-acre property. This is the most recent Elk-sponsored group.



WALTHAM, Massachusetts, Lodge was one of those paying tribute to a District Deputy with special initiations. Candidates are pictured here with E.R. C. W. Duckworth and D.D. Michael J. DeGeorge, second and third from left foreground, respectively.

PORT CLINTON, Ohio, Elks begin dismantling their old home to prepare for the construction of their new \$60,000 headquarters. These officials include, left to right, sr. P.E.R. Otto Heineman, D. L. Luebecke, P.E.R. Assn. Pres. D. L. Dunn and Publicity Chairman R. Jim Chapman, son of the late Secy.-Treas. of the Home Assn.





DEARBORN, Michigan, Lodge had D.D. Don J. Wilson, eighth from left foreground with E.R. Duane Dunick on his right, as a guest when this class of 56 was initiated.



GREELEY, Colorado, Lodge's Welfare Committee provided little Tommy Carter with a fine new wheelchair. The happy youngster is pictured with, left to right, Welfare Committee Chairman George Hoff, Jr., E.R. Fred H. Werner and Committeeman Adolph H. Engel.



OHIO SOUTH CENTRAL Elks held their Fall Conference at Lancaster, when a \$1,500 grant was presented to the United C/P Center by the State Assn. Pictured, foreground, left to right, are Adm. Asst. Robert Antram, State Vice-Pres. Carleton Riddle, Pres. Lawrence Derry, Vice-Pres. E. P. Howard, East Liverpool Tiler Jack Eccleston and Steubenville Inner Guard M. B. Letzelter; background: P.E.R. Mervin Guyton, Inner Guard Bob Holtzman, E.R. John Clark, Secy. Leo Ward, P.E.R.'s Ray Hettinger and Bill Kessler, General Chairman, and Lect. Knight George Hedges, all of Lancaster.



LONG BEACH, California, Lodge's observance of Veterans Day found E.R. Harry Kayajian and D.D. Stephen A. Compas photographed before recruiting displays which played an important part in emphasizing the lodge's Americanism program, as did the presence of Armed Forces personnel.



CLAWSON-TROY, Michigan, Elks have operated a hot-dog stand at the State Fair for the past three years, when members from all over the State stop to visit and buy refreshments. A profit of \$5,700 has been realized through this effort for the State Elks' Major Project aiding handicapped children.

FORT WORTH, Texas, Lodge honored its oldest living P.E.R., James R. Record, at a luncheon, followed by the reinstatement on the lodge's new home of this plaque which had graced its earlier home since 1910. Left to right are Mr. and Mrs. Record, Past State Pres. Rollie Pray and Hon. Tom Renfro, P.E.R.



DOWAGIAC, Michigan, Lodge received a visit from State Pres. Carl Fernstrum, initiated a class in his honor. With the candidates are, left to right background, Dist. Vice-Pres. Albert First, E.R. John Stickle, Mr. Fernstrum, State Vice-Pres.-at-Large Milton McKey, State Trustee Grant Barkley and Past Pres. Don Frisinger.



Humidifying Your Home

(Continued from page 6)

ported. Room humidifiers are being used in some hospitals to aid in the relief of patients suffering from allergy, croup, bronchitis, and pneumonia.

There seems to be a sound reason for this. For instance, Dr. William J. Hitschler has written in *The Archives of Otolaryngology*: "The value of proper humidity in the prevention, amelioration, and relief of infection of the respiratory tract is pretty well established . . . There is little doubt as to the value of proper indoor winter humidity to health and comfort."

Small amounts of moisture are released into air from the respiration of humans and plants, as well as from such housework as cooking and laundry; however, they're a negligible factor in raising the humidity level. Even if always kept filled, radiator pans of water are also inadequate.

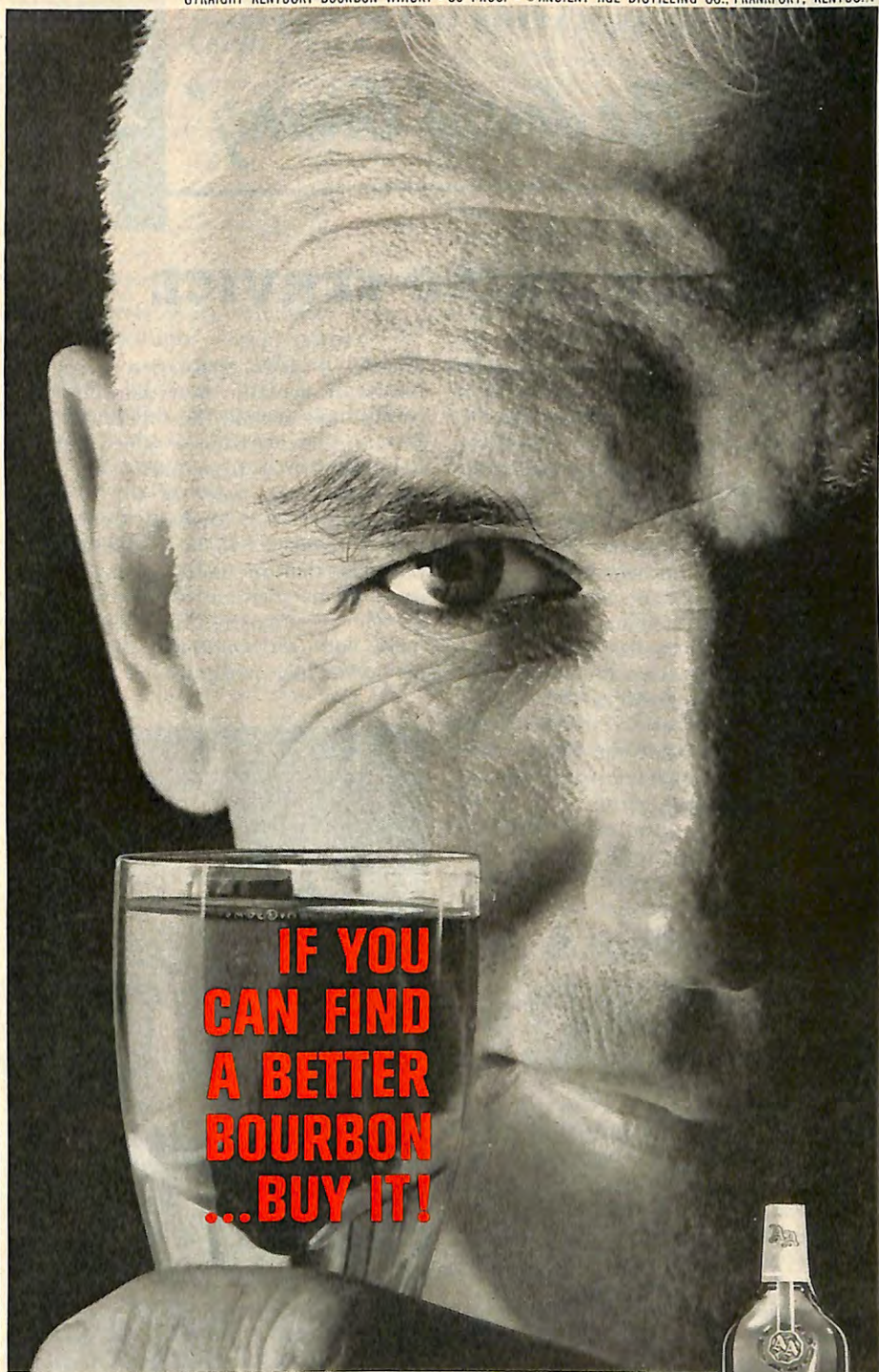
But a modern humidifier can supply all the moisture required. Once made chiefly for hot-air furnaces, humidifiers are now available for homes heated by steam, hot water, even electricity.

Additionally, a good humidifier releases water in a form that's readily absorbed by inside air. Some heat water, releasing steam. Others evaporate water from a wet pad or filter by blowing air through it. Still others atomize water into a spray so fine that it's promptly evaporated; this is done mechanically, either by spraying water through a nozzle or by spinning it off a disk.

If you have forced hot-air heating, you can buy a plate-type humidifier to mount on your furnace for as little as \$15, one that spins cold mist off a motor-driven copper disk for under \$40, or a high-capacity unit that evaporates up to a gallon of water per hour from a porous filter or drum element for between \$60 and \$100. (In each case, installation is extra.)

If you're handy with tools, you can install some makes yourself. They usually mount on the furnace casing with self-tapping screws. The water connection is made by drilling a hole in the nearest pipe and clamping a saddle valve over the unit with copper tubing. The electrical and control connections, however, should be made by a qualified electrician.

If your furnace already has a humidifier that isn't living up to its name, check it yourself or call in a competent serviceman. The installer may have failed to connect the unit to the water line, or its valve may be jammed, preventing water flow. The evaporative plates used in some humidifiers become encrusted with mineral deposits that make them unable to take up water.



**IF YOU
CAN FIND
A BETTER
BOURBON
...BUY IT!**



Original and Authentic Ancient Age is the choice of *knowing* Bourbon buyers. It's aged much longer than other leading Bourbons, yet costs no more. And Ancient Age is distilled *and* bottled in the famed Frankfort, Kentucky distillery. . . your assurance of consistently superb quality.

Ancient Age

BOURBON

America's Largest Selling 6 Year Old Kentucky Bourbon

"The Joy of Giving"



RENDERING SERVICE

John F. Malley, Chairman of the Elks National Foundation Trustees reports that one of the most gratifying aspects of the Foundation's cerebral palsy program of granting financial assistance to physical therapy trainees is the follow-up letters that come into Foundation headquarters in Boston from former grant recipients. Expressing their gratitude for the help that the Foundation has afforded for setting the vocational pattern of their lives, these former grantees frequently go into detail about their training.



Such a letter was the recent one written from the Midwest by grantee Suzanne Grimes (above), who said, in part: "I am just finishing my affiliation with Deaconess Hospital in St. Louis in the area of physical disabilities . . . the emphasis upon teaching functional activities helped to strengthen a weak spot in my previous training. I was also introduced to a sampling of related duties. Frequent conferences with the supervising therapist on treatment programs for patients assigned to me provided the opportunity for constructive suggestions by the therapist, pro and con discussion of various treatment media, and instructions on techniques unfamiliar to me . . . I think I have learned that to treat the patients well means to treat not only their physical problems but also their emotional, vocational, and social ones."

In a similar vein, Mrs. J. Ladd (Phyllis Duly) Durner wrote: "I chose to attend the D. T. Watson School of Physical Therapy (Leetsdale, Pa.), where I found my studies at once challenging and interesting . . . After completing eight months of strict academic work in May, 1963, the next four

months—prior to graduation in September—were spent in four different types of hospitals around the Pittsburgh area. It was this experience which put the field in its proper perspective . . . I am eager to begin work at the Colorado Springs (Colo.) Medical Center this fall. I know I will be working in the physical therapy field all my life; it needs many men and women to fill the service positions. Thus, I sincerely hope you can continue your program of worthwhile assistance."

Former grantee Mrs. Phyllis D. Durner is shown on the job, administering to a cerebral palsy victim at the Colorado Springs (Colo.) Medical Center.



Former grantee Mrs. Phyllis D. Durner is shown on the job, administering to a cerebral palsy victim at the Colorado Springs (Colo.) Medical Center.

Or perhaps they've worn out, or there are a few missing. New glass-wool plates are inexpensive and easy to install; they should be changed once a year, more often if your water is hard. Speaking of hard water, anti-scale tablets can be added to the reservoir to minimize the forming of deposits and make cleaning easier.

The humidifier must be located in the path of the air flow to be effective. If everything seems in order but humidification is still poor, slowing down the blower may help; this will raise the air temperature around the plates, lengthening the evaporating time.

With steam or hot-water heat, a humidifier may be mounted between floor joists in the basement, against a utility-room wall, or in the attic. With such a unit, two wall openings for grilles are necessary. An advantage of these fixed units is automatic filling because of direct connection with a water line.

Portable console units that are housed in attractive floor cabinets are plugged into a wall outlet; all you do is keep the unit filled with water. Some have enough capacity for a good size house, but they're ideal if you're an apartment dweller since they require no installation and can be moved when you move. Prices run from \$35 for a small one, suitable for a three-room apartment, to \$165 for a cabinet unit that has two operating ranges and an electric heater to speed evaporation at top capacity.

Another type of console that has no heating unit is, nevertheless, able to put out eight or more gallons per day. Selling for \$90, it comes with a built-in humidistat and signal light that indicates when refilling is necessary. Mineral deposits that form on the foam-plastic evaporating drum can be washed off with a detergent. A similar unit but without the humidistat and refill light is priced at \$70.

Evaporative humidifiers double as coolers in summer where the climate is hot and dry. The temperature of house air that's blown through the moist wick element is reduced. If both humidity and heat are high, however, such evaporative cooling won't give you the desired results—it's not air conditioning.

Straddling the gap between console and table humidifiers is a small floor model with a 1½-gallon reservoir. Its atomizing mechanism puts out up to two gallons per day, enough for a studio apartment.

Most table humidifiers are of the cold-mist or atomizing type. Modest in cost (from \$20 up), they can be placed wherever an outlet is handy and take no more current than an average light bulb. One model made by a well-known air-conditioner manufacturer has a built-in sterilizing unit that

ELKS NATIONAL FOUNDATION

PAST GRAND EXALTED RULER JOHN F. MALLEY, CHAIRMAN. 40 COURT ST., BOSTON 8, MASS.

where every dollar contributed becomes a source of good work, untouched by expenditures of administration

keeps the water free of bacteria. Its work capacity is as much as six gallons per day, but as its basin holds only 1½, it has to be refilled frequently.

Another small table humidifier is unique in its group in having an evaporating drum instead of an atomizing spinner. This is an advantage in hardwater areas, where minerals from atomized water are released in the form of a white dust, which is a nasal irritant to some people. Evaporative humidifiers release only pure water vapor into the air, minerals remaining in the wick element from which the water is evaporated. The evaporative table unit mentioned has an output of three gallons per day and a 1½-gallon reservoir. It lists at about \$50.

What humidity level should you seek to maintain? Medical authorities generally recommend a high degree—some as much as 70 per cent, an unrealistic figure for most dwellings. For practical purposes, 35 per cent is a more reasonable one, providing the outdoor temperature is at least 20 degrees. At zero, indoor humidity should be no more than 25 per cent, while at 20 below it's best to be content with 15 per cent, even though, from the medical standpoint, this is below the optimum.

These limits are governed by your house, actually, not you. The tolerable degree of humidity for a house is de-

Humidity-Level Guide

Outdoor Temperature (degrees Fahrenheit)	Indoor Relative Humidity (per cent)
20	35
10	30
0	25
-10	20
-20	15

pendent largely on its wall construction. In houses without vapor barriers, a characteristic of most built 30 years ago, indoor moisture travels through the inside walls, condensing inside the outer wall surfaces. This condition can cause outside paint to peel and interior structural wood to rot.

Another limitation is imposed by your windows. In cold weather, single-pane glass will condense air moisture when the humidity is relatively low indoors. Though fogging is harmless, when condensation reaches the running-water stage, you are opening the way for window-sill damage and streaked walls. Heavy curtains and window shades are a help; however, storm windows are a good investment in such a case, eventually repaying their cost by saving fuel.

Newer houses usually have vapor barriers that prevent condensation in-

side the walls. Modern double-pane windows fog at a much higher humidity level than single-pane ones, so when they do, you know that the humidity level should be lowered.

With a small humidifier, you're not likely to exceed these figures. But if you have one with considerable capacity, it's wise to add a humidistat unless the unit already has one. One accessory type designed for wall mounting is simply plugged into the electrical outlet, the humidifier is plugged into the same cord terminal. You set the dial to the desired humidity level, which the humidistat maintains automatically.

Where a cold-mist humidifier is used in hard-water regions, only a demineralizer will eliminate that mineral dust. Water softeners are useless for the purpose, since they don't remove minerals, rather only converting them to a form that permits free sudsing of soap. Since rain water and melted snow are virtually mineral-free, they may be used—if available in sufficient quantity.

The case for humidifiers is a strong one. In time, it's quite likely that humidifiers will prove to be an omnipresent adjunct of modern living, affording as they do the double benefits of helping assure year-round indoor comfort and the maintenance of family health.

--- Exciting New Way To Earn \$6.44 An Hour --- INVESTIGATE ACCIDENTS

440,000 auto collisions, fires, storms each day create a great opportunity for men 18 to 60

Step into this fast-moving Accident Investigation field. Train quickly in your own home in spare time. *Already* hundreds of men we have trained are making big money. Joe Miller earned \$14,768 in one year. A. J. Allen earned over \$2,000 in ten weeks. William Roane says "I'm now earning \$300 a month extra investigating accidents in my spare time... Universal's course is wonderful."

BE YOUR OWN BOSS — ENJOY EXTRA BENEFITS

Right now there is an acute shortage of men who know how to investigate accidents. Our *proven* and *approved* training makes it easy for you to step into this huge, expanding field.



CAR FURNISHED — EXPENSES PAID

You can be your own boss. Independent accident investigators average \$6.44 an hour. Let us show you how to start *your own* profitable business. Begin part time — with your home as headquarters. Later expand to full time. Or if you prefer to be a Company Claims Investigator — our Placement Bureau will assist you. Leading firms call upon us for trained men. Enjoy big pay, your own secretary, a car for personal use, and all business expenses paid.

EASY TO START — NO SPECIAL EDUCATION OR PREVIOUS EXPERIENCE NEEDED

We know the Accident Investigation Business from A to Z. We *can* and *will* show you how to get into this exciting new career in just a matter of weeks. You can more than pay for the entire course with your very first check. Send today for **FREE BOOK**. No salesman will call. You are not committed in any way. Just mail the coupon or send a post card to me, M. O. Wilson, Universal Schools, Dept. K-2, Dallas 5, Texas.

Mail Now for FREE BOOK

M. O. Wilson, Dept. K-2
Universal Schools,

6801 Hillcrest, Dallas 5, Texas

Please rush me your **FREE BOOK** on Big Money In The Booming Accident Investigation Field. I will not be under the slightest obligation — and no salesman will call upon me.

Name

Address

City

Zone

State

TRIANGLE STAMPS ONLY 10¢!



Start today to enjoy an exciting hobby! Get this big valuable collection of gorgeous, multi-colored, triangle-shaped postage stamps . . . brought to you from strange and mysterious lands in the wilds of Africa, enchanting Europe, exotic Orient; such as — Congo, Latin America, Monaco, Chad, San Marino, Malaya, and many others. All genuine, all different — picturing animals, jungle birds, fantastic scenery, action sports, warriors, clipper ships, etc. PLUS Illustrated Bargain Catalog and an attractive selection of stamps on approval. Send only 10¢.

Jamestown Stamp Co.
Dept. H24EM, Jamestown, N. Y.

KEEP SLIM — Enjoy a Battle Creek RO-TRIM

HERE'S CONVENIENT BODY-CONDITIONING FOR YOU . . . AT LOW COST!

Now—enjoy progressive exercise that is always convenient—in the privacy of your home.

Ro-Trim stimulates circulation, "symmetrizes" and tones all major muscle groups. "Adjus-Trol" instantly alters resistance for easy or vigorous rowing as you wish.



NEW! Streamlined, unitized frame
Sturdily built; smartly styled; padded chair-height seat. All your family can enjoy using in den or bedroom. Money-back Guarantee!
10 Day User's Trial — Write for Free Literature!

Battle Creek EQUIPMENT CO.
Battle Creek 21, Mich.



from Italy

FOR MEN WHO KNOW STYLE

Handsome pebble grain calf oxford with graceful pointed toe. Smart and comfortable molded sole. Black, forest green, maple tan, pearl gray and oyster white, sizes 6-13, medium width. \$13.95 postpaid, or \$2.00 deposit on C.O.D. — you pay postage. Satisfaction guaranteed! Other styles imported from Italy and Spain from \$9.95 to \$24.95, A to EEE. MADE ON AMERICAN LASTS.

#3049
\$13.95

Write for FREE catalog

Eleganza IMPORTS
464 Monument St., Brockton, Mass.



ARCO ROTO-FORM fits any electric drill, drill press, motor. Shapes contours, removes paint, planes, sands, cuts wood, metal, etc. Never clogs or needs sharpening. No. 1252, 1 7/8" dia. with 1/4" shank, \$1.98 ppd. No. 5500, set of 3 sizes (3/4", 1 1/4", 1 3/4" dia. drums), \$9.95. Ppd. Arco Tools, Dept. EL-2P, 421 W. 203 St., New York 34.



HAND-DECORATED EGG SHELLS. No Easter Bunny could create these dazzling eggs — so brilliant in color, so exquisite in design. They're real hen eggs punctured, the contents blown out and the shells hand-painted in a kaleidoscope of color by European artists. Set of 12, \$3.95 ppd. Spencer Gifts, 614 Spencer Bldg., Atlantic City, N.J.



EYELET PLIERS. This handy tool will punch neatly through fabric, leather, oilcloth, paper, plastic etc. A money-saver, it's ideal for clothes, belts, shoes, chairs, shower curtains, luggage straps, etc. Punches hole and sets eyelet at one time. With 300 colorful eyelets, \$1.98 ppd. Madison House, Dept. EK-2, 380 Lexington Ave., N.Y. 17.

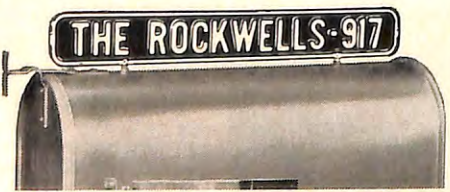
ELKS FAMILY SHOPPER



PET CHARMS for pet lovers. They can dangle this symbol of their devotion from bracelet or key chain. Any breed of dog; Angora, Persian, Tabby or Siamese cat; Parakeet or Canary. Name engraved free on back. In 14 kt. gold: 1", \$13.60; 3/4", \$9.60. In sterling: \$3.50 and \$2.50 respectively. Ppd. Jamaica Silversmith, Dept. E, 50 Delancey St., N.Y. 2.



STUDY WITHOUT STRAIN. The Study Stand holds books, music, reference papers open, at a comfortable reading angle. Your hands are free to work or write. It's lightweight chrome and folds flat for storing or carrying. Mom will surely snatch it for her cookbook so better get two. \$1.00 ppd. Dawn Products, Owatonna 1, Minn.



DAY-N-NIGHT MARKER \$1.95. Money Back Guarantee! Ship in 48 hrs. Your name is you—to friends—to yourself! Any wording you want. Embossed white letters reflector-beaded and carlight bright both sides. Free color choice: Antique Copper, Red, Green, Black. Baked enamel on durable aluminum plates. Easy to install. Perfect for gifts! Shipped to friends with gift card. COD ok. \$1.95 postpaid. Spear Engineering Co., 484-1 Spear Bldg., Colorado Springs, Col. 80907



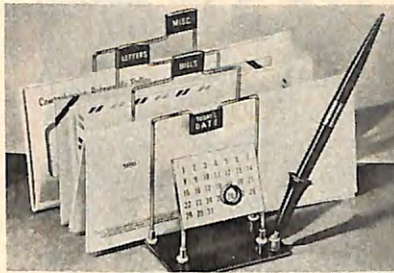
PROFESSIONAL EYE LOUPE

Only \$1.25 ea. or 3/\$3.50 ppd.

Powerful eye loupe permits close inspection of small articles, jewelry, stamps, coins, etc. Scientifically ground and polished lens assures distortion-free viewing with no color blurring. Bottom section enlarges 4 times; complete unit, 7 1/2 times. 2 1/2" plastic mounting. Free Catalog.

ARLENE'S Dept. EL-24, 4075 Polk St. Riverside, Calif. 92505

Merchandise shown on these pages can be ordered direct from the companies listed. Enclose a check or money order. Except for personalized items, there is a guaranteed refund on all merchandise returned in good condition within 7 days.



DESK SECRETARY organizes household and office desk work—keeps you efficient and up-to-date! Labeled dividers hold bills, letters, miscellany; a smooth-writing desk pen is handy for check-signing or note-writing. Enameled metal calendar always has the correct date circled. \$1.00 ppd. Sunset House, 75 Sunset Bldg., Beverly Hills, Calif.



FUR MAGIC! An old fur coat is turned into a brand new model cape, stole or jacket by Morton's master furriers. Their new Photo Style Album contains a choice of 40 beautiful fashions, all only \$24.95, including cleaning, glazing, new lining. Write for free brochure to Morton's, Dept. B-45, 312 Seventh St., N.W., Washington 4, D.C.



EGGS HATCH BEFORE YOUR EYES in the Chick-U-Bator. Through plastic dome you watch the miracle of birth. It includes bulb, egg holder (for 2 eggs), thermometer, instruction book. Base converts to brooder after chick is hatched. Also for duck, pheasant, quail hatching eggs. \$2.98 plus 35¢ post. Emoire, Dept. EL-24, 140 Marbledale Rd., Tuckahoe, N.Y.

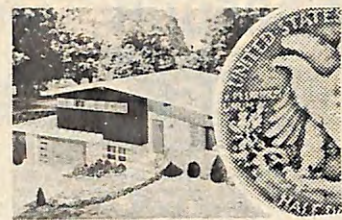


KING-SIZE SOCKS fit sizes up to 16! They're extra long and fit over-the-calf to keep out cold winds. Navy, Charcoal, Black or Brown in 100% nylon (3 pr. for \$3.95) or 65% Australian Virgin Wool and 35% Nylon (3 pr. for \$4.95). Ppd. Give shoe size. Write for 32-pg. free catalog of apparel for big men. King-Size, 5964 Forest St., Brockton, Mass.



U.S.A.F. SHEEP-LINED FLIGHT BOOTS ought to bring back memories. These heavy brown leather boots, with the thick, soft sheeps wool lining, kept many a foot warm, and still will. Surplus, re-conditioned, and refinished like new. Sizes 8-12. Gov't cost, \$35. Now, a buy for \$12.95 ppd. Charles Co., Dept. E-2, 10 East 81st St., N.Y. 28.

125 FOR 50



Check your choice of books and mail with cash, check or money order today. (Books prepaid in U.S. & Canada)

- Ranch and Suburban—125 popular designs, conventional and contemporary... 50¢
- Deluxe Small Homes—large selection of small modern designs, 2 & 3 bedrms. 50¢
- Cape Cod & Colonial—fine selection 1 1/2 and 2 stories, 2 to 4 bedrooms... 50¢
- Plans for New Homes—New book of 117 designs, 2, 3, and 4 bedroom sizes 50¢
- Suburban Living—124 latest designs, split level, hillside and contemporary... 50¢
- New American Homes—110 of our larger size homes. Selection-tested for popularity... 50¢
- Income Property & Retirement Homes—over 125 duplex, multiple unit plans, residential income and small retirement homes. 50¢
- Lake Shore & Mountain Cottages—over 60 designs for year around, town or country. 50¢
- All American Homes—120 different designs in varied construction types... 50¢
- Homes in Brick—114 designs, medium and large homes. A color section of ranch styles in brick, stone and frame... 50¢
- Home Planners Check List—120 most important questions... 25¢
- SPECIAL OFFER—All 11 above books \$5.00 Builders Special—Complete Garlinghouse Library of 18 books, over 1,000 plans. A \$10.00 value, only \$8.00 Ppd. With binder \$10.95.

Name _____
 Address _____ \$ _____
 City/State _____ Amount Enclosed _____

L. F. GARLINGHOUSE CO., INC.
 Dept. E-24
 TOPEKA, KAN. 66601

For Those Who Do Not Want GREY HAIR

Now **Top Secret's** amazing scientific formula gives a natural looking color to faded or grey hair... makes you look years younger! **Top Secret** does not streak or injure hair, does not wash out.



"I noticed results after just a few applications," says Jan Garber, Idol of the Airlines. "**Top Secret** is easy to use—doesn't stain hands or scalp. **Top Secret** is the only hair dressing I use."

Time-proven **Top Secret** has been used by famous personalities for years.

Send \$5 (Fed. Tax incl.) for 6 oz. plastic container, convenient for traveling, too. Ppd. No COD's, please. Money back if not delighted with results of first bottle! **Albin of California**, Room 24-911, 3100 Vanowen St., Burbank, Calif.



NEW! 13 oz. Giant Size \$9



MAGIC BRAIN CALCULATOR - 69¢

Pocket adding machine does all your math problems. Adds—subtracts—multiplies to 99,999,999. Magic Brain Calculator balances check books, adds grocery tapes, bridge scores, schoolwork, taxes, mileage. Gives the answer in seconds! Simple to use. Steel mechanism works fast. *Guaranteed or your money back!* **MAGIC BRAIN CALCULATOR**, 69¢ post-paid. Order direct from **Sunset House**, 621 Sunset Building, Beverly Hills, California.



1000 Name & Address Labels \$1
ANY 3 DIFFERENT ORDERS \$2 ppd.
SAVE! SPECIAL OFFER!

Sensational bargain! Your name and address hand-somely printed on 1000 finest quality gummed labels. Padded. Packed with FREE, useful plastic GIFT BOX. Use them on stationery, checks, books, cards, records, etc. Beautifully printed on finest quality gummed paper—1000 only \$1. **SPECIAL—SAVE MONEY!** ANY 3 DIFFERENT ORDERS \$2. Makes an ideal gift. If you don't agree this is the buy of the year, we'll refund your money in full. **HANDY LABELS**, 206 Jasperson Bldg., Culver City 1, California.

**THE KISS OF THE SUN
THE SONG OF THE BIRDS
FOR BIRTH
ONE IS NEARER GOD'S HEART
IN A GARDEN
THAN ANYWHERE ELSE
ON EARTH**

22" HIGH GARDEN MARKER SIGN

Decorative Garden marker, multicolored, raised verse, cast aluminum, plaque 6" x 6", overall length with stake 22" long. Ready to sink into, and decorate your garden, lawn, flower bed.

ONLY \$2.98 ppd.
2 for 5.50 ppd

Send Check or M.O.
Satisfaction and pleasure guaranteed.

CRESCENT HOUSE
Box 21-GME Plainview, L.I., N.Y.

McGREGOR GOES KING-SIZE!

**SPORTSWEAR
FOR BIG OR TALL
MEN ONLY!**

This handsome all-purpose all-weather Skimeister Jacket and other original McGregor styles — now especially proportioned for the big or tall man. Extra sleeve and body length for perfect fit. We also feature slacks, sweaters, sport and dress shirts, Sox, raincoats, robes, pajamas — all styled and sized for big or tall men.

PLUS 43 SHOE STYLES

SIZES 10 to 16, WIDTHS AAA to EEE

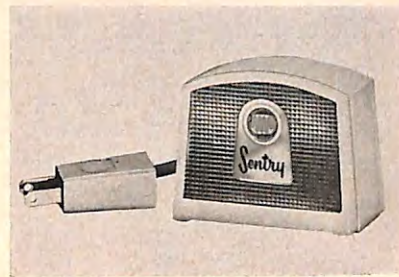
DRESS • WORK • BOOTS • CASUALS

Write today for your FREE Full Color Catalog from America's top shoe and clothing specialist for the big or tall man! 100% Money-back Guarantee.

KING-SIZE, INC. 1504 Forest Street • Brockton, Mass.



ELKS FAMILY SHOPPER



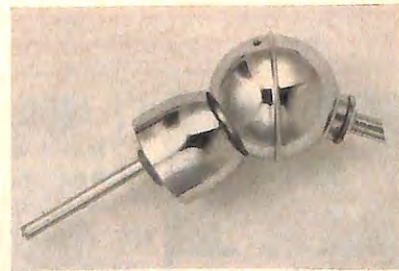
SENTRY LIGHT CONTROL keeps the home lights burning when you're away, foils burglars who think you're home. New model plugs into any convenient wall outlet, turns lights on at dusk, off at dawn. 3-way tap allows more than one light to be controlled simultaneously. \$9.95 ppd. Alexander Sales, Dept. EL, 140 Marbledale Rd., Tuckahoe, N.Y.



HIGH FLIER. Rumba Kite, shaped like a parachute, dances its way high into the sky. Nothing to assemble, nothing to break, just tie on string and fly. A big 2½ ft. across, it has plastic tail strips almost 9 ft. long. Durable polyethylene, reinforced edges. Kite, 79¢; 700 ft. of string, 35¢. Ppd. Walter Drake, EL20 Drake Bldg., Colorado Springs, Colo.



SCALE MODEL VOLKSWAGEN is an imported 4-inch beauty that actually goes 20 MPH on a straight-away. (In California, they even race them.) Beautifully detailed Volks has micro-sensitive adjustment and differential for precision steering, free-wheeling, crash absorber, rubber tires. \$3.95 ppd. Lee Products, Dept. EK-2, 103 Park Ave., N.Y. 17.



DIAL-O-MAT ADJUSTABLE JIGGER measures and pours a perfect portion of your favorite potion. Just rotate dial to the amount you want—1, 1¼, 1½, 1¾ or 2 oz.—and pour. A boon for home bartenders. Made of solid copper with permanent chrome finish. \$4.95 or 2 for \$9.50 ppd. Arlene's, Dept. E, 4075 Polk St., Riverside, Calif. 92505.

YOUR OLD FUR COAT INTO NEW CAPE STOLE, JACKET 24.95

MORTON'S bonded Fur Experts remodel your old coat, jacket, cape or stole to glamorous new fashion, only \$24.95. Includes new lining, interlining, monogram, cleaning, glazing. Written guarantee. Free Shipping Container. Save over 50%.

MORTON'S, WORLD'S LARGEST FUR RESTYLING SPECIALIST OFFERS LARGEST SELECTION, OVER 40 STYLES.

Styling praised by Harpers Bazaar, Glamour, others. Send no money! Just mail old fur, state dress size. Pay postman only when your thrilling new fashion reaches you.

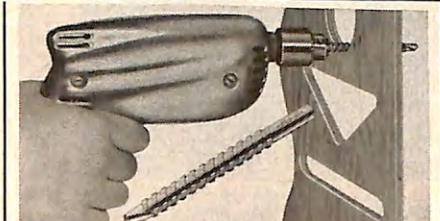
Or Write For NEW FREE STYLE BOOK

MORTON'S, Dept. 45-B Washington 4, D.C.



WRITE FOR NEW FREE STYLE BOOK

ARCO ROUTER-DRILL



SAWS • DRILLS • ROUTS • FILES
Fits any Electric Drill. Cuts own starting hole and any shape in any direction tool is moved. Cuts plywood, lumber, formica, non-ferrous metals, thin sheet steel. Sharp milled cutting edges for fast, clean cuts. Send check, M.O. — postpaid. No C.O.D. **\$1-50** Order today on our 20-day Money Back Guarantee.

ARCO ARCO TOOLS, INC.
Dept. EL-2, 421 W. 203 St., N.Y. 34, N.Y.



INSTANT HOT POT—\$2.95

Electric Hot Pot boils a full 4 cups of water in only 2½ minutes! Perfect for making fast instant coffee, tea, soup, heating canned foods, baby's bottle. Stay-cool base lets you use it on the table. Made of polished aluminum — unbreakable! Complete with electric cord. Great for home, office, travel. *Money-back guarantee!* Order INSTANT HOT POT, only \$2.95, postage paid. Sunset House, 621 Sunset Building, Beverly Hills, California.



If Your Child is a Poor Reader

See how *The Sound Way to Easy Reading* can help him to read and spell better in a few weeks. New home-tutoring course *drills* your child in phonics with records and cards. Easy to use. University tests and parents' reports show children gain up to *full year's grade* in reading skill in 6 weeks. Write for free illustrated folder and low price. Bremner-Davis Phonics, Dept. T-19, Wilmette, Ill.

BUY REAL DIAMONDS THIS NEW WAY SAVE 1/3 TO 1/2!



1 Carat Brilliant White Diamond Lady's or Man's Solitaire Ring
\$495.

The talk of the Country—You can now buy diamond jewelry by mail direct from one of America's Well Known Diamond Cutters. Any ring mailed direct for **FREE 10 DAYS** inspection without any payment, if references given. Even appraise it at our risk. Send for free 72 page catalog.

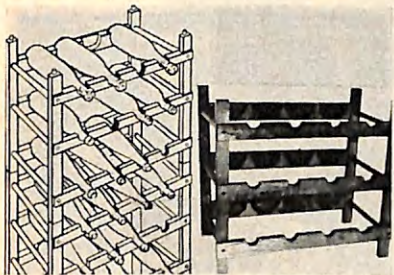
Over 5000 styles \$50. to \$100,000.

EMPIRE DIAMOND CORPORATION
Empire State Building, New York 1, New York
Send FREE Catalog 27
Name
Address
City State.....

ELKS FAMILY SHOPPER



NEW MILITARY ALPACA PARKA with wolf trim hood is worn for warmth by Arctic-based troops under their white cloth windbreakers. Spanking new, all wool O.D. alpaca pile (finish is like a velour). Has zipper front with button over-lap closing. Sizes 36 thru 44. \$14.95 ppd. 1/2 Govt. cost! K.D. McLean, Dept. EK-2, Box 991 Grand Central Sta., N.Y. 17.



BUILD A WINE CELLAR. Parisian-style stack racks have a perfect angle-tilt for each bottle and a raised base for perfect temperature control. 12 bottles fit in each walnut-finished rack. Self-stacking to fit in a minimum space. 18 1/2" wide x 17" high x 10" deep. \$5.95 plus 50¢ post. Amersal Corp., Dept. 902, Box 8, Jamaica 31, N.Y.



BAKE A BUNNY CAKE or a lovable little lamb—it will be the hit of your children's jamborees. Approx. 9" x 10" baking molds are easy to use, come complete with tested recipes. Decorate them for the occasion—birthday, Easter, etc. Heavy aluminum. Bunny or Lamb Mold, \$1.98 ea. ppd. Nancy Ellen, 614 Spencer Bldg., Atlantic City, N.J.



YOU CAN'T BITE YOUR NAILS when you coat them with "Kant-Bite." One application of this completely safe scientific formula forms a diamond-hard coat that cannot be bitten. It also prevents splitting, chipping and breaking of nails—keeps them long and beautiful. \$1.50 ppd. Kant-Bite Co., Dept. EK-2, Box 75, Rugby Sta., Brooklyn 3, N.Y.

LIVING FENCE

YOURS FREE!

FULL COLOR BOOK
fast landscape ideas with
Red Robin Living Fence!

Send
for special
Spring Bonus Offer

*Fast-Growing
Ever-Blooming
Amazing* **RED ROSE HEDGE**

Red Robin fences make good neighbors

FOR AS LITTLE AS 12¢ A FOOT
See the sensational Red Robin Rose Hedge (Gloire Des Rosomanes) that's sweeping the country! Plant THIS SPRING; have a vigorous LIVING FENCE bursting with fragrant RED ROSES THIS SUMMER. Red Robin's lush green foliage is covered with a riot of richly scented red roses month after month. Not a sprawling Multiflora. Grows straight, upright to 6 feet, stays compact. So tough, thrives in even poor soils. Grows so dense Red Robin keeps children and pets in, animals and intruders out. Available only from Ginden Nursery, San Bruno, California.

GINDEN NURSERY CO.
San Bruno, California · Dept. 121

Send me without cost or obligation, free full-color book, uses, prices, special Spring Bonus Offer, etc., on RED ROBIN LIVING FENCE.

Name _____

Address _____

City _____

State _____ Zip No. _____

Give Your Pet Restful Comfort with the New Exclusive FOAM MATTRESS Flea-Kill Bed

Super-soft, sanitary—so inviting your dog will claim it for life! Authentic Scotch plaid orlon-acrylic cover. Stain-resistant, washable, long lasting, and non-skid. Cool in summer, warm in winter.

Kills Fleas While Dogs Doze
Brings quick relief from fleas, ticks, lice. Prevents other dogs' fleas from infesting your pet. Stops scratching. Protects children. Soothing cedar scent attracts dog from chairs, beds—ends soiled cushions, telltale hairs, doggy odor. Attractive in any room.
Compact 15x27 in. **\$4.95** • Regular 28x33 in. **\$6.98**
King-Size 33x47 in. **\$12.90** (all postpaid).

New Cat-Nap-Beds, too
Same luxurious comfort, kills fleas while pet naps. Stops scratching and biting. Cats shun sleeping on a floor; prefer this bed to furniture. 15x27 in. **\$4.95**
Family Size 28x33 in. **\$6.98**

FREE Half pint Pet Spot and Odor remover. Splendid all-purpose fabric cleaner, with your order. Offer good for limited time only. **Order Today.**
Money-Back Guarantee
CHAPERONE Box 1181, Sudbury, Mass.

GET THIS NEW VALUABLE COLLECTION

Big beautiful North American Collection. Genuine, all-different postage stamps of Greenland (North Pole), St. Pierre, Newfoundland, Canada — Eskimos, Indians, 1862 British Columbia & Vancouver Island Cent., Nova Scotia, etc. United Nations. United States Stamps — 19 Century, First Plane, Steamboat, Pony Express, many others. ALSO, Colonial & Civil War commemoratives. PLUS full color flag stamps of 121 foreign countries. EXTRA! Collector's Catalog; exciting selection of stamps on approval; and "How to Recognize Rare Stamps." **SEND ONLY 10¢.**

SENSATIONAL GET ACQUAINTED OFFER.

KENMORE STAMP CO.
MILFORD EF-614 N. HAMP.

Many others!

Coupon for advertisement on Second Cover.

PARIS IMPORTS, DEPT. EK-2

887 Second Avenue, New York 17

Perfume samplers @ \$3.95 plus 40¢ Fed. tax

NAME _____

ADDRESS _____

(Please add 35¢ postage & handling)

IN THE
PRIVACY OF YOUR OWN HOME

BORROW \$100 TO \$1000 BY MAIL

PAYMENTS AS LOW AS 5.90 MONTHLY
depending on amount borrowed

CASH YOU WANT

Amount of Loan	24 Monthly Payments
\$120	\$ 7.09
\$250	\$14.76
\$450	\$25.91
\$650	\$36.14
\$1000	\$53.17

This confidential Borrow-By-Mail personal plan provides cash for any purpose. Borrow in complete privacy by mail no matter where you live. Borrow on your good name only. No endorsers, no agents will call, no red tape, just fast service. Repay in convenient monthly payments to fit your needs. Details sent in plain envelope. No obligation. Inquire now!

WORLD FINANCE CO. Dept. BW-114
620 Symes Bldg., Denver 2, Colo.

Name _____

Address _____

City _____

Age _____ Occupation _____

If you were born before 1913 . . .

. . . let us tell you how you can still apply for a \$2,000 life insurance policy (issued up to age 80). Once your application is approved, the policy can be carried the rest of your life.

No one will call on you. And there is no obligation.

Tear out this ad and mail it today with your name, address and year of birth to Old American Insurance Co., 4900 Oak, Dept. T255M, Kansas City 12, Mo. No obligation!



New Way to Sleep!

Tee-PJ's resemble a T-shirt, but are over a foot longer. Rib-Knit, soft combed cotton. Gives when you move, eases up when you relax. No bind, no bunch, no chafe, no buttons! If not most comfortable sleeper you've ever worn, return within 7 days for full refund and we send you regular T-shirt FREE!

S (34), M (36-38), L (40-42), XL (44-46, for weight over 180 lbs. and/or over 6 ft.)

\$2.25 ea. 3 for \$6

NOW! Tee-PJ's available in long sleeves.

\$3.25 each 2 for \$6
All Postpaid Available only by mail

WITTMANN TEXTILES
6787 Southboro Sta., Dept. 614
WEST PALM BEACH FLORIDA

FAMILY ARMS

Direct from England

genuinely emblazoned from old records filed under 100,000 British & European sur-names. In relief and full colour on immaculate OAK WALL SHIELDS for mural decoration.



- 7" x 6" — \$ 9.00
- 12" x 10" — \$20.00
- 14" x 12" — \$25.00
- 22" x 18" — \$40.00

postpaid. Your check is returned if the Arms cannot be traced. School, Ship, Regimental Shields, Trade Marks, etc., similarly reproduced. Write Britain direct.

YORK INSIGNIA LTD., YORK, ENGLAND



PROTECT CHILDREN from DOG SOILED RUGS

'Puppy trains while master sleeps'

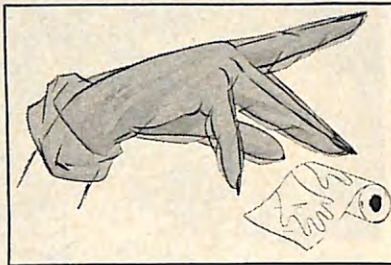
with **TRAIN-O-MAT®**

Chemically odorized, sanitary mat attracts dog at "comfort" time. Instinct tells "this is the spot." TRAIN-O-MAT housebreaks pet easily, surely and without effort on your part. Mat fits in a 12" attractive, washable holder. KENNEL TESTED. Perfect, too, for housebroken dogs. MONEY BACK GUARANTEE.

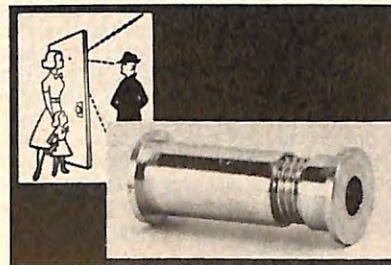
Holder with 2 months supply of mats \$3.95 ppd.
Holder with 6 months supply of mats \$5.95 ppd.

G & G RESEARCH P. O. BOX 8395-38
Dallas, Texas 75205

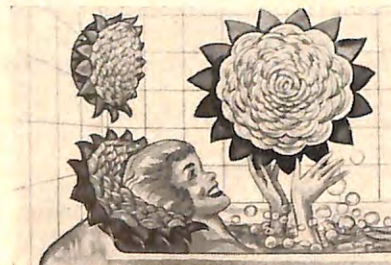
ELKS FAMILY SHOPPER



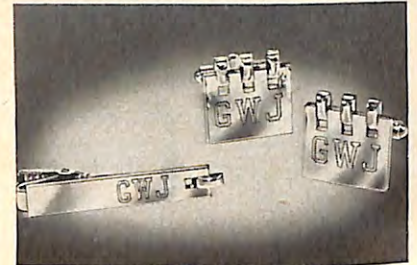
THREE-CENT PLASTIC GLOVES come in rolls. They're disposable and waterproof, ideal for use in the home, hospital, office, garden. Use them to wash clothes, the car or the family pet. Strong and durable; they can be used over and over. Just peel them off roll. Fit either hand. Roll of 100, \$2.98 ppd. Kline's, Dept. EK-2, 333 East 50th St., New York 22.



"PRIVATE EYE" PROTECTION. Easy-to-install Door Viewer gives wide-vision view of your caller through the door—but he can't see in. Lenses are optical glass, not plastic. Requires a hole 1/2" in dia. \$3.75 for doors 1 1/4" to 2 1/8" thick; \$4.75 for doors up to 3 1/4" thick. Ppd. Private Eye, Dept. EE-2-63, P.O. Box 24036, Los Angeles 24, Calif.



GIANT ROSE BATH PILLOW. Relax on a bed of roses when you bathe. Big 9 1/2" poly foam rose is held to tub by strong suction cup. After bath, it can decorate your tile wall. It's thick and luxurious for use as a sponge too. Lovely in pink and white. \$1.98 or 2 for \$3.75 ppd. Greenland Studios, Dept. EK12, Miami 47, Florida.



FOR YOUR KING OF HEARTS—a handsome and masculine-looking set of Swivel Cuff-Links and Tie Bar. Gold-plated set is personalized—both links and tie bar are engraved with his initials. Gift-boxed for a perfect Valentine's Day present. Only \$1.65 ppd. for the set from SRF Industries, Dept. E-2, 509 Fifth Avenue, New York 17, N. Y.



STAMP LUAVU—a feast of 40 fabulous stamps from the exotic South Sea Islands, including scarce genuine postage stamps from Tonga printed on gold. Also fascinating pictorials from Cook, Fiji, Nauru, Niue, Pitcairn, Solomon Is., many more. Send only 25c (including the privilege of sending approvals) to H. E. Harris, Dept. D-13, Boston, Mass. 02117.



GROW YOUR OWN. Big, juicy red tomatoes will flourish in your backyard from Burgess Trip-L-Crop Seed. Gardeners report it produces 2 to 3 bushels per vine, some specimens weighing as much as 2 lbs. Climbing vines grow from 14 to 18 ft. high. Special 50c packet, only 10c. Burgess Seed & Plant Co., Dept. 12, Galesburg, Mich.

MEN! 60 STYLES FOR W-I-D-E FEET!

E to EEEEE Only
Sizes 5 to 13



Men only. Casual, dress, work shoes that really fit. Top quality, popular prices. Money Back Guarantee.

Not sold in stores

Write Today for FREE CATALOG

HITCHCOCK SHOES INC., Hingham 11-A, Mass.

SAVE 1/3 FACTORY TO YOU



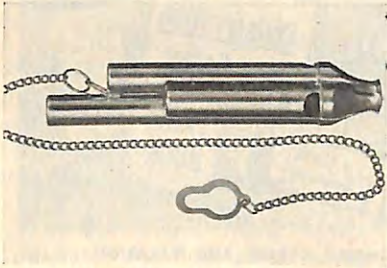
World's Finest SLEEPING BAGS

Sleep in complete comfort in any weather. Read why most world famous expeditions and professional outdoorsmen everywhere buy BAUER Lifetime Bags. Complete satisfaction guaranteed. COMPARE FIRST! Risk not one cent! Read how in our free catalog.

FREE 84-PAGE BAUER Catalog

Edie BAUER SEATTLE 22, WASHINGTON Dept. Q1

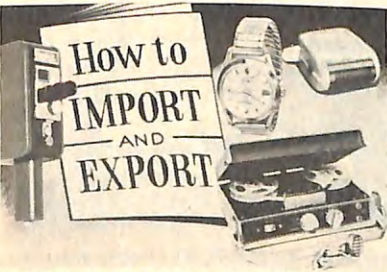
ELKS FAMILY SHOPPER



FOR BOAT BUFFS—this imported Boat Whistle sounds like a steam whistle when you blow it. It's ideal for small boat owners, a safe, *sound* way to warn water traffic of your approach. Of heavy triple-plated chromium over brass, it has 3 pipes and a safety chain lanyard. \$2.95 ppd. Empire, Dept. EL-24, 140 Marbledale Rd., Tuckahoe, N.Y.



HANDY-Y MANICURETTE. Give your nails a professional-looking manicure with the aid of this handy stand. Its firm finger support keeps your hand steady as a rock while flexible prongs hold any bottle upright, safe from spilling. Gold plated. \$1.25 ppd. (Fla. res. add 4¢ tax) Peggy's, Dept. E, 1033 Grace Ave., Panama City, Florida.



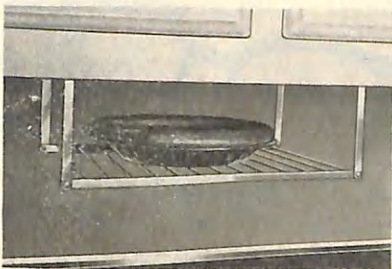
HOME IMPORTING BUSINESS. Buy imported bargains below wholesale and sell them at a profit on a drop-ship plan. For example, a Calendar Watch costs you \$2.33, an electric razor, \$1.70. Famous World Trader explains all in a free book, "How to Import and Export." Mellinger Co., Dept. M392P, 1554 S. Sepulveda, Los Angeles 25, Calif.



7 DAYS TO PLAY THE GUITAR. That's all the time it takes when you follow Ed Sale's easy instructions. Famous guitarist teaches how to play a song in the first day, any song in 7 days. 66-page instruction book, 110 songs. Chord Finder, Guitarist's Book of Knowledge, \$2.98 ppd. Ed Sale Studios, Studio EK-2, Avon-By-The-Sea, N.J.



DO YOU HAVE RARE COINS? For instance a 1913 Liberty Head nickel that will pay you up to \$18,000; certain half cents that pay as high as \$3,750; silver dollars as much as \$10,000, etc. Send for Best Values Company's catalog showing the price range they will pay for your rare coins. \$1.00 ppd. Best Values, Coin Dept. A-719, 285 Market St., Newark, N.J.



DISAPPEARING PY-RAK Utility Shelf hangs under counter top or wall cabinet, is perfect for cooling pies, cakes and hot dishes. Retracts when not in use. Fine cup or storage shelf or cook book holder. 8" x 12" shelf extends down 5". Mounting screws incl. \$2.49 ppd.; 2 for \$4.50 ppd. Crescent House, Box 21-EPR, Plainview, L.I., N.Y.

NOW! An Easy Non-Tiring Way to Feel Better and Look Better. ISOMETRIC ROPE EXERCISE



Developed by Assoc. Prof. of Physical Education, Don W. Mullison, Colorado State University, the Isometric Rope Exercise System is a professionally - designed, medically sound way to build strength and develop complete body tone.

The finest, most comprehensive program of its kind ever offered! Especially suited to adult conditioning. Tested and proven by thousands of schools and physical educators.

- * Easy—takes only minutes a day.
- * No strenuous physical activity.
- * For men, women, boys and girls.
- * Almost immediate pleasing results.

COMPLETE KIT INCLUDES PROGRAMS FOR THE WHOLE FAMILY, MANUAL OF 42 EXERCISES, WALL CHART & SPECIAL ROPE EXERCISOR.

Satisfaction Guaranteed!
\$4.00

POSTPAID

IDEAS, INC.

Isometric Division-3 520 Fifth Avenue
New York, New York 10036

Please send me Isometric Rope Exercise Kits. I enclose \$4.00 for each kit ordered.

Name _____

Address _____

City & State _____

MAIL ORDERS ONLY



Mrs. Frederick Johnson
2216 South 23rd Ave.
West Highland Park
Anytown, Kansas 60918

Labels with your "ZIP" CODE!

500 PRINTED NAME & ADDRESS LABELS — 50¢

Rich Gold Trim — Free Plastic Box

Start using the new ZIP code numbers on your return address labels (the Post Office will tell you your number). ANY name, address and ZIP code beautifully printed in black on white gummed paper with rich gold trim. Up to 4 lines. 2" long. Set of 500 labels in plastic box, just 50¢. Ppd. Fast service. Money back guarantee.

Send for free catalog.
2302-3 Drake Bldg., Colorado Springs, Colo. 80901

Walter Drake



MAGIC CLEAN-UP FOR 'ACCIDENTS'

No 'accident' damage when you use new Magic Clean-Up! It removes the 'impossible' stains ordinary cleaners can't touch. Gets out blood, vomit, urine stains, ice-cream, coffee, etc. This remarkable non-chemical enzyme culture digests protein stains several months old! Great for all fabrics safe in warm water. Non-toxic. Guaranteed to do the job or your money back! MAGIC CLEAN-UP, 59¢. Two for \$1. Postpaid. Order by mail from Sunset House, 621 Sunset Building, Beverly Hills, Calif.

MONUMENTS



DIRECT TO YOU . . . EASY TERMS
Genuine Rockdale Monuments and Markers. Full Price \$14.95 and up. Satisfaction or money back. We pay freight. Compare our low prices. Write for FREE CATALOG.
ROCKDALE MONUMENTS CO. Dept. 688, JOLIET, ILL.

LOW
DOWN
PAYMENT

YOUR HAIR NEED NEVER BE GRAY

IF YOU USE

21 PLUS

Gray Hair Vanishes—
Natural Looking Color Returns

PREFERRED BY FAMOUS PERSONALITIES . . . 21 Plus gives gray or faded hair youthful natural looking color again after just a few applications.

Easy-to-use. Apply like a hair dressing. Does not stain hands, scalp or fabric. Colorless, greaseless. Does not streak or injure hair. Will not wash out. New Low PRICE

SOLD ON MONEY BACK GUARANTEE
Send Only \$3.00 for 8 oz. bottle. You must be completely delighted with the results or your money back at once!

21 Plus Products, Inc., Dept. E14, 1737 E. 172nd St., N.Y. 72, N.Y.

ELKS FAMILY SHOPPER



Today let these
**AMAZING
SHOES
ADD INCHES TO
YOUR HEIGHT!**

Nothing like a pair of "ELEVATORS" to help you get up in the world! In seconds, these miraculous height-increasing shoes make you almost 2 inches taller!

And no one will suspect that you're wearing them because "ELEVATORS" look just as smart and feel just as comfortable as any other fine shoes. Write for FREE BOOKLET today.



Brockton Footwear, Inc.
Dept. 3402E
Brockton 68, Mass.



ELEVATORS®
HEIGHT-INCREASING SHOES



A JOY TO USE at home... stimulates circulation... soothes nerves... increases elimination... relaxes! All fibre-glass... wipes clean. Has thermostat; plugs in wall outlet... no plumbing. Choice: Pink or green cabinet, white door. Top-quality. WRITE NOW for Free Folder and low price!

Money-back Guarantee.

Battle Creek EQUIPMENT COMPANY
BATTLE CREEK 19, MICHIGAN

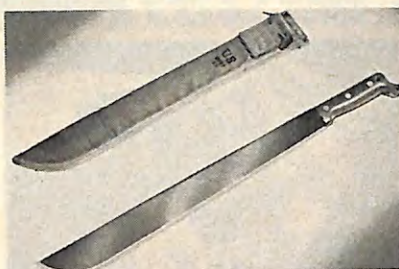


TIE ANYTHING WITH A TWIST!

Wonderful new Snip-N-Tie takes the place of string, wire and rubber bands to serve hundreds of household uses. Use in kitchen to tie food in plastic bags... in garden to tie up plants... in garage to do many of the jobs wire will do. Just twist, it bends to hold in any shape. Snip-N-Tie is a thin wire core, covered with soft red plastic tape to give you strength, yet softness. Waterproof. Reusable. 1/8" wide. Bargain 600" roll in plastic dispenser with built-in cutter, just 98c. 600" refill rolls, just 69c each. Postpaid. Money-back guarantee.

Send for Free Catalog

Walter Drake 2302-2 Drake Bldg.,
Colorado Springs, Colo. 80901



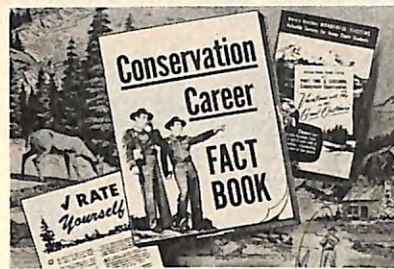
U.S.A. CAMP MACHETE. Originally made for the Army to use in the tropics, these 18-in. blade machetes are brand new war surplus. You can use them to clear a camp site, bush out a trail or fell a good-size tree. Each machete comes in a sturdy green canvas shield with belt clip, \$2.95 ppd. Arms & Weapons, Dept. EK-2, 122 East 42nd, New York 17, N.Y.



EASY-SPREADING BUTTER right from the refrigerator! Insulated Butter Dish has a double wall cover that protects butter from too hot or too cold air, keeps it always the right consistency in refrigerator or outside. Plastic, holds 1/4 lb. Insulated Butter Dish, only 69c ppd. Mimi's Gift Shop, 614 Spencer Building, Atlantic City, N.J.



EYEGLASS NOSE PADS keep glasses from slipping, relieve sore spots and ease weight of glasses. Flesh-colored Cushion-Rest Nose Pads with adhesive backing stay put on all types of glasses. 6 pair, \$1.00 ppd. (Calif. residents add 4% sales tax). Columbia Co., Dept. P-1, 404 Security Bldg., 234 E. Colorado Blvd., Pasadena, Calif.



COMBINE CAREER AND VACATION in the great outdoors. 3 free guides tell how men 17 and up can plan a career in Wildlife - Forestry - Conservation as a Govt. Hunter, Game Warden, Forester. Jobs offer adventure, good pay, low cost of living, security. Write to North American Conservation, Dept. 642, 941 N. Highland, Los Angeles 38, Calif.



FOR A VIP, an Executive Desk Marker of beautiful gunstock walnut with a glowing, Danish, hand-rubbed oil finish. Name or name and title appear in metallic "gold." (Up to 20 letters on name line; up to 30 on title line.) \$3.95 for name only; \$4.45 for name and title. Ppd. Spear Engineering Co., 104-5 Spear Bldg., Colorado Springs, Colo.



YOU'LL BE 2" TALLER when you slip invisible Height Increase Pads in any pair of shoes. Comfortable foam rubber and felt pads do not glue in, are interchangeable for all your shoes. Good posture aids too. State whether men's or women's and shoe size. \$2.95 per pair, ppd. Hudson Industries, Dept. EL-24, 550-5th Ave., New York 36, N.Y.

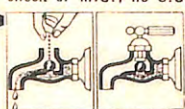
**100 ALL-PURPOSE
MAGNETS**

BRAND
NEW

89c

plus
11c
post-
age

Powerful 1/4" rubber-coated magnets provide hours of fun building toys, houses, doodles, etc. Practical, too... as markers, to hold notes to metal surface, hundreds of uses in home, office, factory. Send check or M.O.; no C.O.D.'s. Money-back guaranteed.



**STOP
THAT LEAK!**

Set of 12 ball sealers in assorted sizes.

No fuss, no muss. Just drop one of these ball sealers into any standard size faucet and presto!—no more leak. Lasts many times longer than old style washer.

12 for
59c
ppd.

BARCLAY, Dept. 51-B, 170-30 Jamaica Av, Jamaica, N.Y.



Housebreak Your Dog Easily! - \$2

No more ruined carpets, no more spanking puppy! Just put two drops of HOUSEBREAKING SCENT on puppy's newspaper, box or on the grass and he knows that's the spot! Completely train the most mature dogs and puppies with one bottle or less. Guaranteed to do the job or your money back! Only \$2, postage paid. Order HOUSEBREAKING SCENT from Sunset House, 621 Sunset Building, Beverly Hills, California.

What Has Happened to the Peacetime Atom?

(Continued from page 5)

new proportions. *Harper's Magazine* in June of 1940 published an essay that pictured "a new era for civilization." *Collier's* drew a picture even more fanciful. Man would dwell underground, insulated from the weather. He would be independent of the sun. The atom would provide the energy for growing food. Breakfast would be picked from trees in the home. Light would be supplied by the fluorescent power of atomic energy. The desert and the arctic would be settled. Humanity would become a single community, united by its ability to gather everything it needed from the power of atomic energy.

After World War II, the old prophecies were revived and new predictions added. The claims for nuclear energy became so plentiful that a newspaper columnist quipped, "There is enough atomic energy in a battleship to drive a toothpick twice around the world."

In contrast to the popular reports, great expectations were not held by the scientists who developed nuclear energy and nuclear reactors. Their knowledge made them aware of the difficulties that lay between the creation of an uncontrolled bomb and the application of controlled atomic energy. As the war work continued in the early forties, several committees were set up among the scientists to evaluate the postwar potential of nuclear energy. In general, these committees agreed on what they foresaw. They urged that a strong nuclear industry be encouraged and predicted that the use of radiation as therapeutic agents in medicine and as concentrated sources of energy were the most promising areas of application. One committee reported that there was no assurance that a major nonmilitary industry could be developed. As for the production of peaceful energy, this committee wrote, "We have not developed a revolutionary source of power which has made conventional systems obsolete."

Individual scientists who had played key roles in the development of the bomb were similarly pessimistic. For example, Dr. J. Robert Oppenheimer wrote in 1945 that "working [electric power] plants are only a few years away but plants that will contribute to an economy are much further." Not for at least 25 years, scientists thought, would there be large power plants in operation, naval ships propelled by nuclear energy, and radioactive isotopes playing important roles in agriculture, medicine, and engineering.

The fact is that geiger counters are clicking all over the United States. Nuclear electric power is here. And the

radioisotope is playing an important role in the medical treatment of disease, in the production of food, and in the development of industrial processes and goods.

Electric power from nuclear energy was first supplied by a nuclear reactor in 1951, six years after the war ended. The first electric power demonstration was modest. The building in which a reactor was housed at Arco, Idaho, an AEC installation, was supplied with electricity generated by the reactor. But it was not until six years later that the first nuclear reactor specifically built to provide electric power went into operation at Shippingport, Pa. By December 23, 1962, the Shippingport plant had completed five years of power operation. It is now accompanied throughout the country by eight other nuclear energy power plants. Though they represent a large variety of reactor types—pressurized water reactors, boiling water reactors, sodium cooled reactors—their methods of power production are similar. The heat that results from fission in a chain reaction is used to convert water to steam. The steam is then used to turn turbines that mechanically generate electricity. The actual method of electric generation is the same as that used in conventional coal or oil-burning plants.

Because the technology of reactors is still in an experimental stage, not all of these reactors are putting electricity into power networks, not all are operating at full capacity. Tests are still being run to bring them up to full operational level, but it seems likely that by 1965, there will be 12 "on the line" producing electricity throughout the nation.

The Atomic Energy Commission is now optimistic that nuclear power can be competitive with conventional systems. The official estimate is that 1970 will see the realization of the predictions of 1945. By the year 2000, the AEC now feels, nuclear power will be providing all the new electricity required in the nation and will be producing half the total energy generated. But the fact remains that nuclear electric power is not economically competitive today.

The AEC admits that the disappointments and frustrations have been many. The official answer is to move to a form of reactor that is yet unproven—a breeder reactor that, as it uses nuclear fuel, also creates more nuclear materials, specifically plutonium which is used in the production of nuclear weapons and which can also be a reactor fuel. One reactor of this type has been operated by the AEC, and another is operating in Great Britain at the northern tip of



PLANNING TO FAIL?

Of course, you're not! But you might be FAILING TO PLAN!

You are, if you don't *the right* consider Florida property as a sound investment opportunity.

Whether you decide on a home or improved land, plan carefully so you get the most value and highest return potential. The Mackles, Florida's foremost community builders can help you! No other Florida community builder today can offer a greater investment opportunity! Choice homesites at fast-growing Deltona, Florida sell for only \$1,195. including central water mains . . . and you can stop . . . failing to plan . . . for as little as \$15.00 a month!

See your local Mackle representative or write for the whole exciting story.

THE MACKLES

The Deltona Corporation
P.O. Box 893, Deltona, Fla.

Offering statement has been filed with N. Y. Dept. of State. Available from Sub-divider upon request. NYA 450-2 AD 62075 (1-11C)

Scotland. Experience with this reactor type is still inconclusive. The power plant at Lagoona Beach, Mich., the Enrico Fermi Reactor, is such a breeder. It first went critical in August of last year and began providing vitally needed information.

The economics of nuclear reactors has been steadily improving. When the Shippingport reactor first went into operation in 1957, it produced electric power at a cost of 42 mills (4.2¢) per kilowatt hour. When the Dresden reactor (Morris, Ill.) went operational in 1960, its initial power cost was 10 mills per kwh. But conventional power is produced for 5.5 mills to 8 mills per kwh, depending on the proximity of the area to coal or oil supplies. The nuclear power plants that look most promising immediately are those in areas where power production costs are relatively high, notably California and Michigan.

Nuclear cost estimates are complex enough when the factors remain constant. An example of how such estimates can go awry occurred in Britain. This nation committed itself to a nuclear energy program during a period of coal-shortage and high coal prices. Subsequently, when nuclear reactors started to operate in England, the price of coal actually dropped and thus coal remained a cheaper source of energy.

There are special factors that contribute to the high cost of nuclear power. Still, the power companies have so much confidence in their ability to produce competitive nuclear power that some are now committing themselves to building only nuclear plants. The Pacific Gas & Electric Co. of California announced in March of 1963 that all of its large plants to be built in the 1970's will be nuclear plants.

The optimism of the AEC and the power companies is not universally shared. In February of 1963, the Joint Committee on Atomic Energy began hearings on power development. Jerome Wiesner, then director of the Office of Science and Technology and Science Adviser to the President, spoke against the emphasis on immediate nuclear power development. Among the points he raised were that generating costs represent only 30 per cent of the total cost of bringing power to the consumer. Thus a decrease in generating costs of even one-fifth will not represent a considerable saving to the public.

Wiesner's attitude was similar to one voiced in 1960 by two of the leading experts on reactors, Alvin Weinberg and Eugene Wigner. In an article in the *Bulletin of Atomic Scientists* they advocated a slower, more calculated approach to power reactors. What they wanted were more demonstration reactors for experimental purposes before utility companies committed themselves to reactor types that may prove to be

antiquated and inefficient in comparison to the types that will be developed in the next 25 years. Weinberg and Wigner felt that since only 3 per cent of the national income of the United States is spent to purchase energy, no golden age will come by reducing this expenditure.

Meanwhile, nuclear power programs are going ahead. England, with the largest nuclear power plant in the world in operation, hopes to have one-tenth of its generating plants nuclear-powered by 1968. Sweden hopes that by 1980, 25 per cent of its electric power will be generated by nuclear energy. Power reactors are operating in France, Russia, Italy, and Germany and are being built in many other nations, both large and small.

WHILE the production of electrical energy from nuclear power is complicated by the debate over economics and over which type of reactor to develop, there is no disagreement over the fact that nuclear energy has made substantial contributions to the fields of medicine and agriculture, and that it is fast becoming an important tool in industry. In each of these areas, the development of nuclear energy has been made possible by the nuclear reactor, for among the more important by-products of a reactor are radioactive isotopes. Radioisotopes exist naturally and were made artificially before reactors were even thought feasible. But the reactor has made their production routine and thus has made them available in large amounts and increasing varieties. In fact, there are many people who would contend that the abundance of radioisotopes is the real contribution of reactors, and not generation of power.

What is a radioactive isotope? An element is called an isotope when it exists in more than one physical form but with identical chemical properties. For example, there are six forms of carbon, sixteen forms of lead. Each form acts the same chemically, but differs in its physical characteristics. Each will have in its nucleus the same number of protons, but not the same number of neutrons. There are both stable and unstable isotopes, the unstable isotopes being radioactive. By emitting energy in the form of alpha or beta particles, gamma rays, or neutrons they are changing their physical properties and may change their chemical properties. Most elements are naturally stable. A few like uranium or radium are naturally unstable; that is, they exist in nature in forms that are decaying and changing spontaneously.

Every reactor is capable of producing radioactive isotopes, but the AEC, operating at its Oak Ridge production reactors, is the chief source of isotopes in the nation. Given a plentiful supply of radioactive isotopes, the uses to which they can be put are numerous. Their radiation penetrates solid objects, and

Grand Lodge Membership Awards

March 31, 1964, marks the close of the Membership Increase effort sponsored by the Grand Lodge Committee on Lodge Activities in accordance with the objectives of Grand Exalted Ruler Dunn.

Awards will be made to the lodge showing the highest net gain in each District and in each State for the year ending March 31, 1964, and to each lodge (in each District) that drops for non-payment of dues not more than two per cent of its March 31, 1963, membership. The lodge in each State that drops for non-payment of dues the smallest percentage of its March 31, 1963 membership will also be honored and, in addition, an award will be made to each lodge attaining a minimum net five per cent gain for the year ending March 31, 1964.

Therefore, this month is the final opportunity for each lodge to achieve this goal and has been set aside for the initiation of classes honoring Grand Exalted Ruler Ronald J. Dunn.

thus allows the isotopes to be detected, traced, and analyzed. Their radiation can also change both living and non-living materials.

The major use of radioisotopes in medicine is in the diagnosis of disease. The most common example is the use of iodine-131 in the treatment of thyroid conditions. When patients are given iodine cocktails, the iodine concentrates in the thyroid gland. The radiation it emits can be scanned to produce a "picture" of the thyroid and an approximate view of how efficiently it is operating. If the thyroid is enlarged, the scan caused by radiation will be spread over a large area. If only one part of the thyroid is functioning, the radiation will be concentrated in that area.

Cancerous or overactive thyroids can be treated by a similar method. The radioactive iodine, in larger doses, can be given to the patient. Again it will concentrate in the gland, only now the radiation will be strong enough to destroy a portion of the gland, and thus cut down its activity.

Phosphorous-32 is used in conjunction with iodine 131 to locate tumors in the brain. Sodium-24 is being used to locate constrictions in major arteries. Diseases of the liver, the kidney, and the heart are being similarly investigated. What lies between isotopes and their full-scale use as diagnostic tools for most diseases is the need to find elements that are as selective for other specific organs as iodine is selective for the thyroid. Otherwise, putting a radioactive isotope into a patient will only give a large and diffuse pattern of emission that is not useful in pinpointing diseased or malfunctioning organs.

It is estimated that 500,000 diagnostic tests per year are conducted with radioisotopes. This is a small figure, on a national scale, but it does reveal

the widening scope of isotopes in diagnosis.

The therapeutic use of radioisotopes can also depend on the selectivity of the element for a particular organ. Phosphorous-32 is used to slow down the production of red blood cells in a disease called polycythemia vera. But the more common therapeutic use is to destroy or inhibit tumors. Because tumors are more sensitive to radiation than normal tissue, radiation can be directed at the cancerous area to destroy the tumors. The methods for getting radiation to the diseased tissue are numerous. X-ray machines have been used for this purpose for almost 50 years. Now they are being supplemented by giant machines that house powerful radioisotopes such as cobalt 60. These machines have highly penetrating radiations and can be aimed with great precision.

A more sophisticated method of getting the radiation into the area where it is needed is to implant radioactive gold seeds. These are placed adjacent to the tumor and allow a precise amount of radiation to reach the target area.

Increasingly, more and more diseases are being subjected to treatment by radiation. Chronic leukemia, lymphosarcoma, and Hodgkin's disease, all of which involve white blood cells, have been helped by radioisotopes. Palladium 109, in the form of a metallic wire, has been used successfully to destroy localized areas of the brain to relieve the effects of Parkinson's disease. And there is practically no human ailment that defies radiation study.

Radioisotopes have also solved the problem of sterilizing human bones and cartilage that are used as transplants. Freezing, which is only a method of preserving the bone segment, does not guarantee a sterile product. Boiling or heating, the common methods of sterilization, change the proteins and enzymes in the bone, in a sense cook it, so that it is no longer as suitable a transplant material. It is common practice, one that goes on weekly at our own laboratory at the University of Michigan, to irradiate bones or cartilage with a cobalt-60 source. This isotope emits gamma rays which will not make the bones radioactive but which will kill bacteria and micro-organisms.

The sterilizing effect of radiation has been extended to the processing of bandages and surgical sutures in plants operating in New Jersey and in England. The advantages of radiation sterilization are several. Sutures come in two main types, nylon and those made of the connective-tissue layer from the intestines of beef and sheep (commonly referred to as catgut sutures). The traditional method of applying heat for sterilization of catgut cooks the sutures, which are animal protein, and reduces

both their strength and pliability. In addition, the heating has to be carried on in a sterile manufacturing environment that resembles an operating room. Radiation has simplified the manufacture, the packaging, and the sterilization.

The sutures can now be prepared in an ordinary environment, packaged in non-sterile material that is waterproof and airtight. The packaged suture is then sent, via conveyor belt, to an irradiation room where the radiation, which quite easily penetrates the package, sterilizes the suture. There is no heat to damage the suture; the product is ready to be shipped to the hospital without further handling.

THE MAJOR USES of radioisotopes in industry are for non-destructive testing and tracing. Radiography of welds in pipes, in storage tanks, and in pressure vessels reveals weaknesses or cavities. Before the advent of radioisotopes, X-ray machines were used for this purpose, but now isotope sources are proving more adaptable. They are easily packaged in portable units that do not require any power supply, the radiation of the isotope being all the power necessary. Because they are basically simple instruments, they are subject to few operational defects. Small units can be built that can be inserted into pipes and narrow places. Today there are more than 500 companies offering commercial radiography service.

As tracers, isotopes have a variety of industrial applications. Flow rates in pipes can be measured by injecting an isotope that will combine chemically with the material in the pipe and then noting the time the isotope takes to travel between two points. Testing for leaks in underground pipes is simple. An isotope is injected into the system. Where radioactivity concentrates in the ground, that's the place to dig for the leak. One of the largest industrial users of isotopes is the oil industry, which uses them to log wells, to follow underground fluids, and to determine where water should be pumped into the ground in order to force oil out of reservoirs. In the processing of petroleum products, isotopes measure mixing in pipe systems and mark the interface between two different types of chemical products flowing through the same pipes.

Radioisotopes are also commonly used as gauges to measure thickness of moving sheets in paper mills, steel mills and glass mills. When the radiation from the isotope penetrates the sheet, the thickness of the sheet will determine the amount that will get through and be counted on a radiation detector. Thickness can be controlled by this method within $\pm .001$ inches. The tobacco industry has also found an application for nuclear gauges. The density



**TAKING WORK HOME NIGHTS?
TAKE IT EASY! NOW TAKE THIS...**



WORLD'S FIRST ELECTRIC PORTABLE ADDING MACHINE AT SUCH A LOW PRICE

If you take your problems home with you — why not also take a good answer: The new electric REMINGTON Model 8.

Easy to put where the problems are. It's *portable*. Weighs only 9 lbs.

And the price is easy to handle, too. Just \$79.50 plus tax.

The only thing heavy about it is the load of extras you get in the bargain:

Prints on tape for your records. Gives you true office-machine capacity — lists 8 columns, totals to 9,999,999.99. 100% American-made. Full 90-day Remington warranty. A carrying case is also available. And that's not all. But first . . .

Get a free demonstration; call your nearest Remington office or office machines dealer. Or mail the coupon now.

Remington Rand
OFFICE MACHINES
DIVISION OF SPERRY RAND CORPORATION

Dept. EX-024, 315 Park Avenue South
New York 10, New York

Please give me free demonstration of the new Remington Model 8 — on the job — and without obligation.

Please send me a brochure on the new Remington Model 8.

Name _____
Title _____
Company _____
Address _____
City _____ Zone _____ State _____

of tobacco in cigarettes is measured by a similar principle. A cigarette that is fully packed will allow only a precise amount of radiation from a specific source to pass through it.

Activation analysis, a method for determining the presence of minute amounts of elements, is also proving a valuable industrial tool. This method of analysis aims neutrons at a sample to make it radioactive. Since each element has its own individual decay pattern, a sort of radioactive fingerprint, the contents can be determined. Activation analysis allows non-destructive testing within a pipe system that is continuously flowing, thus permitting the processing to continue even as the analysis is being made.

The most spectacular use of activation analysis to date is in crime detection. A hair found in the hand of a murder victim has been shown to have the same chemical analysis as the hair on the head of the suspect. A simple method has also been developed to determine whether a person has recently fired a gun, no matter how carefully he has washed his hands.

One of the more productive industrial uses of radiation is to promote chemical reactions. Irradiation can produce plastic polyethylene (normally made by subjecting ethylene to high temperatures at high pressures). The irradiated polyethylene is superior to the conventional product in that it will retain its shape at high temperatures and will resist cracking due to chemical stress. In this process the radiation actually crosslinks the long chains of molecules that form polyethylene. Similar methods are used to create improved papers (more wet strength), to make heat-resistant rubber (better road wear), and to strengthen textiles.

The first commercial plant using radiation as a catalyst in a chemical production process began operation early last year at the Dow Chemical plant in Midland, Michigan. By subjecting ethyl and bromide to a radiation field, the chemicals are combined to form ethyl bromide, an organic chemical used in the manufacture of pharmaceutical compounds.

A new product that will soon be appearing is irradiated wood. When a liquid plastic is impregnated into wood, and the wood irradiated, the result is increased hardness, increased stability, and a decrease in water absorption.

The use of isotopes in agriculture falls into four categories—to determine the effectiveness of fertilizers, weed killers, and insecticides; to produce mutations in order to grow improved varieties of plants; to preserve food; and to destroy animal pests.

Tracer studies early demonstrated that spray fertilization could be more effective than conventional ground

fertilization. Radiation research showed that the leaves absorbed the chemicals in the spray rapidly and efficiently. Irradiation of seeds and plants has produced a number of new plant varieties with improved characteristics. For example, a new species of peanuts yields 175 pounds more per acre than the non-irradiated plant. An insect resistant form of sesame has been grown. And barley, oats, and soybeans have been made to mature more rapidly so that they can be grown in areas with short growing seasons.

The preservation of food by radiation is finally being perfected. Estimates of the amount of food lost through deterioration range as high as 25 per cent of all food produced. Radiation can effectively extend the storage life of cod, oysters, shrimp, and haddock up to two months at normal refrigeration. It is effective in inhibiting sprouting and water loss in potatoes and onions. Canada already has a demonstration irradiation truck in operation that travels to warehouses to irradiate potatoes, thus allowing them to be stored for five to six months at 50° to 55° without sprouting.

In February of 1963, the Food and Drug Administration cleared irradiated canned bacon for unrestricted public consumption. The first mass consumption of this bacon will be by soldiers in the Army, which has long been active in trying to develop suitable techniques for the irradiation of foods. Among the problems that need to be solved before most foods can be marketed are the tendencies to discolor, to gain odors, and to change flavor when irradiated. Beef, for example, in early food irradiation studies proved to have a metallic, bitter flavor, while liver was termed "repulsive."

The most dramatic use of radiation in agriculture was the eradication in the southeastern United States of the screw worm fly, a pest of cattle that caused annual losses of approximately \$20 million. The screw worm fly would lay eggs in the skin of cattle. When the larvae hatched they would feed off the flesh and cause festering sores. Attempts to kill the fly were unsuccessful. When research showed that the female mated only once in a lifetime, a multi-million dollar project was started to breed male screw worm flies, irradiate them until they were sterile, and then release them in large numbers in infested areas. When the females mated with the sterile flies, no offspring were produced. In 16 months, 3 billion sterile flies were released in the southeast and the species disappeared. The method is effective because the fly cannot acquire immunity as it may do when attacked by chemical pesticides. And the process does not harm other animal life. Attempts are now being made to use it on other pests.

ISOTOPES are also playing an important role in the development of compact, lightweight nuclear-electric power devices that are designed for space vehicles and remote unmanned weather stations. In June of 1961, one of these SNAP (Systems for Nuclear Auxiliary Power) power plants was shot into space to power the transmitters in a navigational satellite. At the end of its first year in space it had traveled 142 million miles, orbited the earth 5,000 times, and produced 23,650 watt hours of electricity.

In a radioisotopic power unit the heat generated by the emission of radiation from the isotopes is converted directly into electricity by a thermoelectric or

RONALD J. DUNN VISITS SCOUTING HEADQUARTERS



While touring New Jersey, Grand Exalted Ruler Ronald J. Dunn visited National Boy Scout headquarters where he was photographed, eighth from left, with Past Grand Exalted Ruler Wm. J. Jernick on his right and the Scouts Club and Fraternal Relations Director Wm. E. Hoffmann on his left. Others include D.D.'s Edmund Hanlon, Marvin Katz and Anthony Orlando, State Pres. Harry Wolf, and Vice-Pres. F. A. Telmanji, Scout Executive J. A. Juncker and other Elk officials, among them E.R. James McKay of Cranford Lodge which has received a charter for the sponsorship of a Cub Scout Pack composed entirely of handicapped boys. Its Packmaster will be Est. Lead. Knight Stephen Cymbaluk who conceived the idea for the Pack after observing the classes of educable handicapped children which have been held each month at the home of Cranford Lodge for the past three years.

thermionic device. (A thermoelectric device is one in which electricity is produced by the unequal heating of two dissimilar metals. A thermionic device is one in which electrons coming off a high energy metal are collected by a low energy metal, thus creating a flow of electricity.)

Several SNAP power plants are operating in remote, isolated stations. Since August of 1961, an isotope unit buried eight feet below the surface of the ground on Axel Heiberg Island in the Canadian Northwest Territories has been operating the first unmanned nuclear-powered weather station. The unit produces only 5 watts of power, but this is enough to send temperature, barometer, wind direction, and wind speed readings 200 miles to the nearest manned weather station. A similar weather unit was installed in the Antarctica in 1962. Other SNAP plants have been developed for underwater sound sources, for a weather station in the Gulf of Mexico, and for a navigation buoy in Baltimore's harbor.

Nuclear power for space is still in the development stage. SNAP power systems are being built that use small nuclear reactors to provide enough electricity to power manned space stations, bases on planets, and large communication satellites. Nuclear rockets are also being developed to provide the necessary lift to get large payloads to the moon. To date these reactor systems have been tested only on the ground.

Nuclear explosions for peaceful purposes are being investigated under Project Plowshare. Its goal is to develop nuclear excavation technology by 1967. The potential uses range from canal construction, excavation of harbors, recovery of low-grade minerals, processing of chemicals, and the production of isotopes. The first major nuclear excavation in Plowshare took place in July of 1962 and created a crater 1,200 feet wide and 300 feet deep. About 12 million tons of earth was displaced by this single explosion.

Nuclear ships are a reality. The merchant ship *Savannah* can operate successfully, but labor trouble has kept her reactor shut down much of the time, and she has sailed little. The most practical use of nuclear propulsion, however, is in naval vessels where cost is not a primary consideration. Our submarine fleet and the aircraft carrier *Enterprise* prove the point, although it is presently doubtful that very much of the fleet will sail under nuclear power in the near future. But it is worth noting that such decisions are no longer technological; they are political.

We have described some specific examples of the peaceful applications of nuclear energy. Though the present advances do not add up to the utopia

predicted in 1945, they still represent a substantial accomplishment. And the scope of nuclear energy activities is increasing every year.

One indication of the scope of nuclear energy activities is the nearly three million dollars in radioisotope sales in 1962, and a total value of atomic energy instruments and products produced in 1961 of \$270 million dollars. At present, private industry is engaged in every facet of the nuclear energy field with one exception, the processing of irradiated fuel. More than 25 commercial firms have built nuclear reactors. At mid-year of 1962, 53 reactors (world figure: 198) of all types were under design or construction. The total estimated cost of these reactors will be \$1,310,000,000.

Despite the growing involvement of private industry in nuclear energy, the role of the federal government remains the determining factor. The 1964 budget for the Atomic Energy Commission is more than \$2½ billion dollars. While a substantial portion of this is devoted to weapons and military reactors, there is still a strong emphasis on peaceful uses of atomic energy.

The benefits from the Nuclear Age are not always in the field of nuclear energy. Glen Seaborg, chairman of the Atomic Energy Commission, recently tried to evaluate some of the unforeseen developments of the past twenty years that were fringe benefits of nuclear energy. Among them, he listed the development of new materials, particularly metals that 25 years ago could not even be isolated; the development of new mediums for heat transfer; improvements in the fabrication and processing of materials to give us purer and stronger products; the development of computers; and the development of giant accelerators and bubble chambers to study nuclear reactions that formerly occurred only in cosmic ray reactions far above the earth's atmosphere.

There can be little doubt that the development of nuclear energy has resulted in an awareness of the importance of science and of scientists. It has become an important tool in basic and applied research in every area of knowledge. The yellow and orchid radiation symbol can be seen on laboratory doors at colleges and at industrial research facilities throughout the nation. The importance of scientific research was reinforced by the introduction of the Space Age with the launching of Sputnik.

Though it seems that space has captured the public's imagination in a way that nuclear energy never did, it is worth noting that the two go hand in hand. When we reach the moon, we will need a nuclear power plant to heat it.

Next year what kind of vacation will you want?



This year come to Missouri and find out!

(VARIETY IS THE SPICE OF MISSOURI)

Send for FREE 28-page, full-color booklet showing where you can enjoy Missouri sight-seeing, fishing, history, boating, caves, camping, theatre, opera, swimming, night clubs, baseball, planetariums, zoos, festivals, rodeos, golf, art, botanical gardens, horseback riding, hunting, hiking and just plain loafing (among others) and how to go about arranging for it.



NAME _____

ADDRESS _____

CITY _____ STATE _____

SEND TO:
 Missouri Division of Commerce
 & Industrial Development
 Recreation and Travel Section
 Dept. 4E2
 Jefferson City, Missouri



See Gemini space capsule in
 Missouri Building at New York World's Fair



Tom Wrigley

WRITES FROM WASHINGTON

POPULAR NEW SECRETARIES of Mrs. Lyndon B. Johnson are winning many friends in their handling of the First Lady's affairs. Elizabeth Carpenter, press secretary and staff director for Mrs. Johnson, is a former reporter, widely known in newspaper circles. She comes from Texas and is known to her friends as "Liz". The new social secretary is Mrs. Bess Clements Abell, a Kentuckian who became personal secretary to Mrs. Johnson three years ago.



NAVY'S "FLYING FISH", a two-ton torpedo missile, which is an amazing development in anti-submarine warfare, has passed all its tests, the Pentagon announces. It's released from a standard torpedo tube in a submerged sub, travels through the water and into the air, and, finally, is steered by a guidance system to its underwater target, presumably an enemy sub. Its range is said to be up to 30 miles.

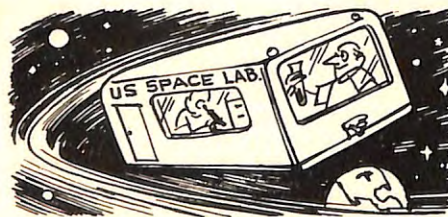
PLANES FROM PARIS to Washington will be in daily service by April 1. The big Air France jets will have French stewardesses, but they won't be bewitching Washington's bachelors, because they'll arrive at 2 P.M. and take a return flight home five hours later.

NATIONAL CULTURAL CENTER got a big boost when it was suggested that it be named the Kennedy Memorial Center. The Old Dominion Foundation contributed over a half million dollars, and the drive is now far above the \$13 million mark. The memorial will cost over \$30 million, and the Government is matching all gifts on a dollar for dollar basis. The Center will include a symphony hall, a theatre, and a hall for musical comedy, ballet, and opera. Construction will start this summer on a 13-acre site along the Potomac.

BIG PAY BOOST for federal workers, effective January 1, increased the payroll of district employees by \$72 million a year. It covers 225,000 federal employees: postal and classified (white collar) workers. Lowest classified salary is now \$3,305 a year, the highest \$20,000.

ATTENTION, MR. LAFAYETTE! You took a Civil Service examination here on nuclear physics, signing your name "Le Marquis de Lafayette". Incidentally, you wrote that you took the test just to "see if I could pass". Since you got the highest score ever made, several federal agencies want to hire you. What's your address?

D. C. VOTE DRIVE has opened in Washington because this year Washingtonians can cast their first ballots. Primaries will be held in May. There is a big effort to get voters registered before the late-September deadline.



NEW SPACE CAPSULE called MOL, which stands for "manned orbiting lab", is expected to be launched by 1968. It takes the place of the Dyna Soar, a winged space craft, which has been scrapped. The MOL will be as large as a small house trailer. It will be launched by a Titan rocket with 2 million pounds of thrust, and it's expected that astronauts will be able to live comfortably inside.

WASHINGTON FIGHTS SNOW this winter with 11,000 tons of chemical abrasives, plus huge stockpiles of sand and cinders. The city has but few snowplows, because, until recent years, it was comparatively free from heavy snowfalls. In fact, a three-inch snowfall has usually closed government departments in the past. Now, however,

main routes are marked "emergency," and cars traveling them without snow tires are in violation of the law. The driver of a car that stalls is subject to arrest.



BEST-SELLING BOOKLETS in the Commerce Department are "Physical Fitness," "Veterans and Dependents," and, strange to say, "Ducks At A Distance (How to Recognize Them)." The department booklet on "Gross National Product" has sold over 100,000 copies, but its sales are nowhere near those of the top three.

FLORIDA HOME BOOM is being sponsored by the Federal Housing Administration, which is foreclosing mortgages on many Florida homes, ranging in value from \$7,000 to \$15,000. Ads in northern newspapers are getting a good response from many retirees who want to move to Florida. FHA now owns 48,000 single-family homes; 9,000 of these are in Florida.

FEDERAL FLICKERS . . . Trays on some Labor Department desks read, "In," "Out," "Stalled." . . . One of the State Department's old "temporary" buildings had a leaky roof, so the repairman bored holes in the floor beneath to let the water run out, claiming it would be a waste of the taxpayers' money to fix it. . . . Senate Majority Leader Mike Mansfield of Montana took violin lessons when a boy, but confesses the only piece he mastered was "Where the River Shannon Flows." . . . A story heard around the Press Club Bar is about the son of a foreign embassy official just arrived in Washington, who had his first date with an American girl. He was back home in an hour, explaining: "I left when she turned out the lights; I can take a hint."

For Elks Who Travel

(Continued from page 11)

passengers are lulled to sleep with FM melodies. This ship also boasts the longest bar on the high seas—plus seven others—two bands, 22 elevators, ten decks, the largest movie theater afloat, two swimming pools, two cabarets, a soda fountain, free French lessons via closed circuit TV, and special cabins for the discriminating pooch. They're carpeted!

Shipboard food equals in quality that served in some of the world's finest restaurants. Providing you're not a calorie counter, the meals aboard ship are practically worth the price of your passage. Personally, I've never been on a passenger liner that fell down in the culinary department.

You can dress up or casually during your ocean voyage, depending on the ship and what class of ticket you purchase: first, cabin, or tourist. (It is interesting to note that the three-class system has given way in good measure to a two-class arrangement: first class and tourist. Tourist class today, it's generally conceded, surpasses in quality pre-WW II first class.)

For cabin or tourist class, it's mostly casual all the way. The dressiest night will demand no more than a business suit and tie for you, possibly a cocktail dress for your wife.

First class is another matter, however. Evening attire leans toward the formal, although it's possible to "get by" with a dark blue business suit and

bow tie. Remember though, that evening clothes are never worn on the first and last nights at sea, on Sundays, or the evenings when your ship lies in port or leaves a port in the late afternoon.

No matter what class you choose, bring along enough informal clothing for the daytime hours: For the wives of Elks who travel this includes a couple of bathing suits, shorts, slacks, skirts, blouses, and sweaters. Don't forget a few scarves for windy days.

Gentlemen will be right in style with a couple of pairs of tailored slacks, a few sports shirts, a couple of sports coats, and perhaps a sweater or two. Certainly a big inducement of steamship travel is the big generous luggage weight allowance; however, don't go overboard, if you'll excuse a poor pun.

By overburdening yourself with clothing, once you reach your destination overseas, you face the chore of transporting it around from place to place or finding a place to store it. However, your steamship agent can tell you about storing clothing at your port of disembarkation against return time.

Cruise passengers should plan to forget the slacks and shorts on shore excursions. Cotton sports dresses and low-heel sports shoes (preferably well-broken-in) are the uniform of the day for ladies, since a good many foreigners regard shorts and slacks with distaste.

(Continued on page 47)

Christmas Comes to Bedford



The traditional ceremony of turning on the Christmas lights at the Elks National Home in Bedford, Va., was handled by a very capable young man of three, John L. Walker III. Not yet an Elk himself, young John can boast that his father is, as are both his grandfathers. His paternal grandfather is Past Grand Exalted Ruler John L. Walker, Sr., of Roanoke, Va., Lodge of which his father, John Jr. is also a member. His maternal grandparents are Dr. and Mrs. Edward Bizzell of Goldsboro, N. C., and Dr. Bizzell is a Goldsboro Elk. Photographed on the steps of the Home just before the lighting ceremony were, left to right, Mrs. John L. Walker, Sr., Mrs. John L. Walker, Jr., and her husband, holding their son, Past Grand Exalted Ruler Walker and Mrs. Nelms who has been his secretary for many years. According to the Bedford press, the 1963 Christmas lights and displays at the Elks National Home were the most magnificent and brilliant in its history. Supt. Thomas J. Brady reports that about 1,500 lights were added this past Christmas, with the lighting on the main building greatly increased. A steady flow of cars, filled with admiring spectators, poured through the Home grounds throughout the Christmas season. On Sunday before Christmas a group of 30 ladies from Roanoke Lodge visited the Home to give a party there for the residents.

MADE \$1200 ON ONE JOB

Some make more, some less
We help you start Your
Own All-Year Business

Make BIG Money! G. H. Jones made \$1200 on one school job with our highly efficient wall washer which cleans walls 6 times faster and better than by hand. No special skill...small investment...operate from home. Customers everywhere—homes, offices, schools, churches, hotels, etc. Enjoy independence...free from layoffs and bosses. Can start part time until full time is justified.

Write Today for All the Facts!

FREE BOOK—MAIL COUPON TODAY

VON SCHRADER MFG. CO.

224 "W" Pl., Racine, Wisconsin

Name _____

Address _____

City _____ Zone _____ State _____

PLAY RIGHT AWAY!

Even If You Don't Know
a Note of Music Now

Now it's EASY to learn any instrument. No boring exercises. Start playing little pieces by notes right away. Amazing progress at home, in spare time. No teacher. Few cents per lesson. 1,000,000 students! Write for FREE BOOK. U. S. School of Music, Studio 1052, Port Washington, N. Y. (Est. 1898) Licensed N. Y. State Dept. of Education.

FIX BROKEN DENTURES

AT HOME IN MINUTES

Amazing new QUIK-FIX Denture Repair Kit easily mends broken plates; fills in cracks; replaces teeth like new. Fast! Easy to use! No special tools needed. No costly dental bills. Directions enclosed. Works every time or your money back. Send \$1.98, enough for many repairs. **Brimms QUIK-FIX**, Dept. Q-23, 1075 Main St., Buffalo 9, N. Y.

EARN MORE be a TAX CONSULTANT

Our students earn lucrative fees in 3 month busy tax season preparing income tax returns in spare time—and operate profitable Business Tax Service yielding steady monthly fees of \$10-\$50 per client, year round. Enjoy professional standing in dignified full or part time home-office business. No experience necessary. We train you at home and help you start. Write today for free literature. No agent will call. Licensed by N.Y. Education Dept.

NATIONAL TAX TRAINING SCHOOL, Monsey J-12, N. Y.

Make BIG MONEY! Start a CUSTOM CASE BUSINESS

IN YOUR OWN HOME...
PART TIME OR FULL TIME

Jack Stearns of Calif. earned **FREE PLAN** SHOWS YOU HOW!
more than \$450 on first of many sales. Part time he made over \$960 in a few weeks.

What a fantastic home business for an ambitious man! No canvassing, no house to house selling! We teach you secrets that make you an independent manufacturer at home with a big income. No special tools or experience needed. Work part time or full time. Make special cases, with materials we supply, for salesmen, photographers, sound equipment, hundreds of other special needs. Amazing new Home Business Plan gets your orders... you fill them and make big profits!

Amazing New HOME BUSINESS PLAN brings orders to you!
CUSTOM CASE SUPPLY CO. Dept. C152
805 Sunset Blvd., Los Angeles 12, Calif. Write now, for Free Business Plan and complete details.

Giving **FIDO** the Needle

Inoculations are how we humans prevent some major illnesses; pups, too, should be protected against the serious canine diseases

By **ED FAUST**

IF YOU'VE BEEN reading these articles regularly every other month, you'll recall that the one before last covered canine birth and infancy up to weaning. It was followed by a piece on puppyhood: care, feeding, and a brief discussion of common internal parasites. The latter article didn't allow me space to discuss the preventative inoculations vital to Fido's health.

I regret to say that there are still some skeptics around who persist in believing that taking Fido to a veterinarian is a waste of good money, but, fortunately, their number grows smaller every year. Most dog owners

today are aware that one of the major responsibilities of owning a dog is relying on the skill and knowledge of a vet at critical times. And inoculating Fido after his weaning is one of them.

Dogdom's greatest health menace is distemper, which proves fatal to more canines than any other disease. Estimates place the mortality rate at one out of every four dogs afflicted. Distemper is caused by a contagious virus to which pups are most susceptible between the ages of four and six months. It can strike at any time of the year, but it's particularly menacing during cold, damp weather—late fall, winter, early spring. Lacking adult canine

strength, pups are always susceptible, but mature dogs with low resistance are also vulnerable.

Unless inoculated or unless you take extraordinary precautions, chances are good that your pup will contract distemper during the first year of his life. The degree of severity varies from case to case. Although the disease probably dates back to the time that dogs abandoned the forest for the fireside of primitive man, it wasn't until 1759 that instances of the disease were first recorded. But even though the disease has been recognized as distemper since then, no cure has been found for it. Until Uncle Sam stepped in, there used to be numerous nostrums on the market that claimed to cure distemper. Today it's illegal to sell such a preparation, because once distemper takes hold in Fido's system, there's no known way to stop it running its course. Your dog will either recover or die.

A pooch with distemper is a very sick dog while he has it. Fortunately, one attack makes him immune thereafter. Although it afflicts dogs all over the world, distemper and its symptoms have been noted to vary from country to country.

The bugaboo of distemper is the fact that scientists have yet to be able to isolate the virus that causes it. It isn't even known how the disease is communicated—from dog to dog, or from man to dog. (Man cannot contract it.) Perhaps it is simply carried in the air. At any rate, a fortune awaits the person who discovers distemper's cause.

Probably the best way to describe distemper is to liken it to the influenza that afflicts humans. Distemper appears in various forms and degrees but is usually marked by fever and respiratory symptoms, sometimes nervous ones, too.

It's a deceptive disease, since at the onset the symptoms are likely to be so mild that they may be overlooked. Unless you're really experienced in these things, you're likely to think Fido just has a slight cold. There will be a discharge from his eyes, slight at first. Then his nose will be affected the same



Distemper is likely to strike most any pup during its first year—unless inoculated.

way. His temperature will rise a bit. Occasionally he'll cough as though trying to clear his throat. It's easy to overlook a small cough, write it off as nothing to be alarmed about.

These are the early symptoms; they may last for about a week, then perhaps become more pronounced. No matter the course of the disease, sooner or later you're bound to know if the fellow has contracted distemper.

He'll show little or no interest in his dinner pail, become listless and retiring, perhaps even seeking dark quiet corners. For no apparent reason, he may begin to rub his nose frequently on the floor; he'll be trying to alleviate the itching that's developed in this sensitive organ. As the disease progresses, his eye-and-nose discharges will thicken into mucus or become pussy.

I certainly hope that by the time such symptoms have developed you'll have brought a vet into the picture. Anyone who attempts to home-doctor a dog in the throes of distemper without at least obtaining advice from a veterinarian isn't acting humanely. To do so will almost certainly result in the dog's death.

Other evidences of distemper may include unnatural thirst, and, as the disease progresses, considerable weight loss. Remember, distemper is deceptive; all of these symptoms I've cited so far—if mild in degree—are characteristic of a simple cold. I can't emphasize enough the importance of being vigilant when Fido doesn't seem to be himself.

Distemper in itself is bad enough but the insidious thing about the disease is that it lowers a dog's resistance to other pathological troubles. The most common of these is chorea—a form of St. Vitus' dance that's characterized by spasmodic nervous twitching. Others include impaired eyesight and/or teeth, paralysis, pneumonia, as well as others capable of adversely affecting Fido for the rest of his natural life.

Some kennels will sell you a pup that's already been inoculated for distemper—the so-called "one shot" treatment. If so, request a vet's certification that this has been done, just to make sure. Follow up this precautionary measure by consulting a veterinarian; he'll tell you when additional inoculations should be administered. Of course, if you purchase a pup that hasn't been inoculated, then take him to the vet pronto for those shots.

Another affliction you've got to watch out for with Fido is hepatitis. Most veterinarians give pups preventative inoculations for this illness at the same time as those for distemper. Although canine hepatitis isn't the same type that affects humans, they're certainly related. Both affect the liver and both

can be fatal. The symptoms of canine hepatitis are generally the same as those of distemper. The disease is communicated through the saliva or waste matter of an infected pooch.

Leptospirosis is a form of canine typhus that isn't too prevalent but believed to be increasing. It's thought that leptospirosis is spread through food that's been contaminated by rats. It's transmitted from dog to dog, rarely to humans. The disease attacks the liver and kidneys. In its early stages, the symptoms also resemble those of distemper. However, as the disease progresses the dog's skin becomes yellowed, diarrhea develops, muscular stiffness sets in, abdominal pain occurs, and a sharp rise in temperature is followed by a sudden drop.

If he judges an inoculation for leptospirosis to be in order, your vet can provide one for Fido. Preventative measures? About the only one you can take is make certain that all dog food—particularly the loose commercial variety—is inaccessible to rats.

These three disorders—distemper, hepatitis, and leptospirosis—are Fido's major health enemies. All warrant early inoculation. Your vet may also inoculate your dog for hydrophobia, or rabies, as it's commonly called; in some communities this preventative measure

is required by law. It's a good idea to look into it.

Rabies is a rare disease nowadays; many vets have never seen a case of it. It's communicated by the virus entering into the dog's blood stream, usually through the bite of an infected dog or some other warm-blooded animal: skunk, fox, wolf, horse, cat, etc. It results in a form of madness.

If neglected, the bite from a rabid animal can kill a human; however, thanks to Louis Pasteur we're blessed with a life-saving antidote. Although rabies is rare, anyone bitten should immediately consult a physician. And every effort should be made to corral the animal for observation.

Other than hydrophobia, the treatment for all of the foregoing disorders includes the avoidance of Fido being subjected to sudden temperature changes, dampness, drafts, wetting. He should be kept quiet and fed as liberally as his appetite dictates. Keep his bedding and water clean. The most important part of the treatment, though, is following your veterinarian's instructions to the letter.

If you have a question about dogs, drop me a line at THE ELKS MAGAZINE, 386 Park Avenue South, New York, N. Y., 10016. I'll be glad to help you—but no medical questions, please. • •

SHIPMATES WANTED

To join beautiful sailing yacht for 10 days of barefoot beachcombing thru remote tropic islands. Your share about \$185.00.

WRITE: CAP'N MIKE
P.O. BOX 1041-E, MIAMI BEACH, FLA., 33139

BRONZE PLAQUES FOR ALL OCCASIONS

Write for FREE Catalog P12

For Medals & Trophies Catalog T12

INTERNATIONAL BRONZE TABLET CO., INC.
150 W. 22nd St., N. Y. 11, N. Y. WA 4-2323

Fantastic Savings on NEW ACCORDIONS 1/2 OFF

40 NEW MODELS... 5-DAY FREE TRIAL

Just arrived! Standard and Electronic Accordions—Amplifiers! New ideas, New styling, New features! Big discounts—Buy direct from world's largest importer. Easy terms, Trade-ins. Write for Free Color Catalog! Accordion Corp. of America, Dept. K-24 2003 W. Chicago Ave., Chicago 22

FREE GUIDE Reveals 200 Ways to Make Extra Money

YOU can turn your spare hours into cash (\$25 to \$100 a week) by selling products and services to friends and others. Famous *Salesman's Opportunity Magazine* shows you how. Contains hints, plans, hundreds of offers. No matter what your age, experience or occupation—write TODAY for next 5 issues—absolutely FREE. Send no money just name.

OPPORTUNITY, 850 N. Dearborn, Dept. 717, Chicago 10, Ill.

"WILL YOU SMOKE MY NEW KIND OF PIPE... 30 Days at My Risk?"

All I want is your name so I can write and tell you why I'm willing to send you my pipe for 30 days' smoking without a cent of risk on your part. This is not a new model, not a new style, not a new gadget, not an improvement on old style pipes. It's based on an entirely new principle that harnesses four of Nature's immutable laws—contradicts every idea you've ever had about pipe smoking—and delivers a smoking pleasure you've never before experienced. My new kind of pipe smokes cool and mild hour after hour, day after day without rest, without bite, without bitterness. It doesn't have to be "broken in". It never has to be "rested" and it never accumulates sludge! To prove all this, I want to send you a Carey Pipe to smoke 30 days at my risk. Send your name and address today for my complete trial offer. Mail coupon now to E. A. CAREY, 1920 Sunnyside Ave., Dept. 204-B, Chicago 40

NO MONEY—JUST SEND YOUR NAME

E. A. CAREY, 1920 Sunnyside Ave. Dept. 204-B, Chicago 40, Ill.

Please mail facts about your 30 day offer of a Carey Pipe postage prepaid. Then I will let you know if I want to try it at your risk. This information is free, no salesman will call.

NAME _____

ADDRESS _____

CITY _____ STATE _____



Doubled in Diamonds



Representatives from 37 lodges of the N.E. and Central Districts joined in Amsterdam, N. Y., Lodge's Diamond Jubilee when 300 members applauded an address by the Order's leader. Photographed on this occasion were, left to right, Grand Trustee Arthur J. Roy, host E.R. Donald Bates, State Pres. John J. O'Brien, Grand Esquire Francis P. Hart and Mr. Dunn. M. T. Palombo was General Chairman for the dinner at which P.E.R. R. J. McNulty was Toastmaster and Mayor F. J. Martuscello, a P.E.R., extended a welcome. Honored were 50-year Elks Joseph Nadler and George Heath, and 32 25-year members.



During the time he made his visit to Trenton, N. J., Lodge, the Grand Exalted Ruler, left, was officially received at the State Capitol by Governor Richard J. Hughes, a P.E.R., center. At right is E.R. Emery B. Kerekes who arranged the meeting which followed a luncheon attended by 50 State and local officials, and Elk and business leaders, among them Past Grand Exalted Ruler William J. Jernick and Mayor A. J. Holland.

Grand Exalted Ruler Ronald J. Dunn, center, and Past Grand Exalted Ruler H. L. Blackledge, right, joined Cozad, Neb., E.R. Lavern Fisk for a photograph at the entrance to the new home of his lodge during its dedication.



The 75th Anniversary of Newport, R. I., Lodge was celebrated with a banquet at which Grand Exalted Ruler Ronald J. Dunn was the principal speaker and Alva I. Weaver, who is in his 104th year, was paid special tribute. Pictured are, left to right foreground, Past Grand Exalted Ruler John F. Malley, Mr. Weaver and Mr. Dunn; background: E.R. Wm. L. Gill, Past Grand Exalted Ruler John E. Fenton and P.E.R. Frank R. Muzzerall, Dinner Chairman. P.D.D. Paul F. Murray was Toastmaster and Sen. Joseph Savage welcomed the guests on behalf of the State, with Mayor Hambly doing the honors for his city. Guests included State Pres. Clifton W. Higham and E.R.'s all Rhode Island's lodges.



The Auburn, N. Y., official welcoming committee for Mr. Dunn was composed of Mayor Maurice I. Schwartz and former Mayors Edward T. Boyle and Herbert T. Anderson, all P.E.R.'s, in whose honor a class of 100 was initiated by the State Championship Ritualistic Team from Norwich Lodge under the direction of P.D.D. LeRoy Coe. Left to right are Mayor Schwartz, former Mayors Boyle and Anderson, Grand Exalted Ruler Dunn, E.R. John R. McMahon and Membership Chairman Philip J. Conboy. Paul M. Brooks was Chairman for the program which included a reception and dinner attended by 300 members.



Campus Reds Contort the Freedom of Speech



COMMUNIST PARTY members have appeared on more than 90 college campuses this year, under the protective cloak of academic freedom and the right of free speech.

On one campus the Communist Party's Secretary General, Gus Hall, spoke to 12,000 professors, students, and townspeople. In other instances television carried all, or portions, of communist messages to wide regional audiences.

Two communist leaders, one in New York, the other in Los Angeles, addressed capacity crowds of students recently. Benjamin J. Davis told an overflow crowd of students in Findlay Hall, at City College, N. Y., that "We live in an epoch of transition of capitalism to socialism." He told them the Negro struggle for civil rights here is a social revolution, which "is more and more turning against state monopoly capitalism."

In Los Angeles, the same week, Dorothy Healy, Southern California Communist Party spokesman, talked to 2,500 students of the University of California.

After an introduction by Scott Van Louven, Chairman of the UCLA American Civil Liberties Union, Miss Healy stressed the poverty in the United States and urged mass struggles to end capitalism and establish socialism.

Behind this rash of communists on campus of late has been a wily campaign by communist propagandists. It has worked like this:

A small group of students on a campus asks a communist to speak there. Where the college or university administration has objected, a communist or a representative of the student group has asked him, "Do you support academic freedom?" . . . "Do you believe in the right of students to listen and to learn?"

Where college and university administrators have not buckled under

this kind of campaign, student groups have demonstrated, printed papers and leaflets, and agitated for academic freedom, the right to listen, and against bans on communist speakers. These campaigns have nearly all been successful.

What we have forgotten is this—academic freedom implies the pursuit of the truth, not the pursuit of non-truth; the relation of fact to life, not the distortion of facts to gain converts to a force that seeks to destroy our society.

Aside from this basic and vital issue, it is under the impact of a rising number of appearances of communists on campus that communists are reviving their communist youth organizations. Red-directed student activities around the world are much more deceptive, purposeful, and effective today than in the 1930's, the heyday of the Young Communist League.

Counteraction to the well-laid communist-on-campus campaign must take these essential steps: (1) a campaign to identify communists not as people with unorthodox views but as revolutionist agents, seeking by every means to undermine and destroy our free society; (2) exposure of the communist campaign, based on the academic freedom issue, as deliberately deceptive and false; and (3) the development and strengthening of student groups willing and able to counteract attempts at communist inroads into academic and student life.

Our concepts of freedom compel us to permit anyone to speak in times of peace. They do not compel us to permit self-declared enemies of our society to use tax-supported facilities for the dissemination of their propaganda. Nor are we compelled to bring them onto college or university campuses where their presence aids communist organizing activities as well as propaganda dissemination.

In an effort to keep members of the Order aware of developments in the global struggle between the forces of freedom and communism, each month THE ELKS MAGAZINE publishes excerpts from Freedom's Facts, the monthly publication of the All-American Conference to Combat Communism. Membership of the conference includes some 40 national organizations, including the B.P.O.E. Readers who wish to subscribe to Freedom's Facts may do so by writing to All-American Conference, 906 Edmonds Bldg., 917 15 St. N.W., Washington 5, D.C. The cost is \$3 per year. Please note your Elks membership.

FREE DIRECT PRICE CATALOG



Folding Chairs



TABLE AND CHAIR STORAGE TRUCKS
• Sectional Buffet Tables
• Room Dividers
• Platforms and Stages

Monroe FOLDING TABLES

Over 65,000 churches, schools, clubs, lodges and other organizations save money for other needs by buying famous Monroe Folding Tables direct from our factory. 94 different models and sizes all designed for rugged institutional use. Also direct factory savings on folding chairs, table and chair storage trucks, portable room dividers, choral risers, stages, etc. New color catalog FREE. Send today!

THE MONROE CO. 90 Church St. Colfax, Iowa

DOLLS!

LEARN WORLD'S MOST FASCINATING BUSINESS
We teach you to make, repair, and sell dolls and accessories. Study at home. Excellent part or full time money making opportunities. Low monthly payments—many pay for course out of earnings. May we send FREE and without obligation our booklet? NORM and SUE MORRIS • THE DOLL HOSPITAL SCHOOL 11824 San Vicente Blvd. • Studio EL-24 • Los Angeles 49, Calif.

HOW TO PUBLISH YOUR BOOK

Join our successful authors in a complete and reliable publishing program: publicity, advertising, handsome books. Speedy, efficient service. Send for FREE manuscript report & copy of Publish Your Book. CARLTON PRESS Dept. ELB 84 Fifth Ave., New York 11, N. Y.

LAW FREE BOOK THE LAW TRAINED MAN

Write today for a FREE copy of illustrated law book, "THE LAW-TRAINED MAN," which shows how to earn the professional Bachelor of Laws (LL.B.) degree through home study of the famous Blackstone Law Course: Books and lessons provided. Moderate cost; easy terms. Write now. Blackstone School of Law, 307 N. Michigan Ave. Founded 1890 Dept. 112 Chicago 1, Illinois

Reflexite AUTO EMBLEM
4 1/8" Emblem in 5 colors. Stainless Steel frame. Attaches to license plate. Shows up clearly day and night.
Price each, prepaid \$1.75
RUSSELL-HAMPTON CO.
DEPT. E
15 S. Wacker Dr., Chicago 6, Ill.

*RUPTURE AGONY Removed

WHEN you slip into a low-cost, comfort-designed Brooks Patented Air Cushion Appliance! Your *reducible rupture will be held in securely yet gently—or the trial costs you nothing! This invention has made millions of sufferers happy. You can enjoy heavenly comfort night and day at work and play—or the Appliance costs you NOTHING. Isn't this worth a no-risk trial by you? If interested, write for free facts now. BROOKS CO., 316-B STATE ST., MARSHALL, MICH.





Photographed at the Whipple, Ariz., VA Center when a supply of leather from the Calif. Elks Assn. was received were, left to right, Physical Medicine and Rehabilitation Service Coordinator Douglas L. Folsom; Occupational Therapy Dept. Chief Mrs. Shirley Ettner; veteran David F. Dumford; Ariz. State Pres. Dan F. Thompson, the hospital's VAVS Director, and Center Dir. K. J. O'Brien.

Valuable hides are presented by the Elks to the Oklahoma City, Okla., VA Hospital. Left to right are Chairman Earl Hanks, P.E.R.; Dr. Oren Skouge, Hosp. Dir.; an unidentified patient, and E.R. Russell Arterburn, Jr.



Elks
NATIONAL
SERVICE
COMMISSION



Dallas, Texas, Elks are pictured when they presented a gift of fine leather to the Dallas VA Hospital. With two patients and a therapist are, left to right, center, Est. Loyal Knight Shelton Clay, Lead. Knight Armond Wright, E.R. George Ausley and Committee Chairman I. Soblowich.



The VA Hospital in Minneapolis, Minn., receives a gift of leather from the Elks. Photographed are Clemence Tritschler, Alternate Representative; Staff Nurse Anderson, and Minnesota Elks Hospital Chairman E. A. Altier.

A gift of processed leather finds its way to the VA Hospital in New Orleans, La., through the good offices of the local Elks. Left to right, standing, are Nurse Rosemary Watson; Hosp. Medical Dir. Dr. C. W. Hobson; P.D.D. James H. Aitken, Veterans Committee Chairman; Vice-Chairman George J. Lupo, Past State Pres., and E.R. Myron C. Leidinger. In the foreground are patients E. J. McElroy and Herbert Hanna.



Skydiving

(Continued from page 9)

But that was child's play compared to the feats of an 18-year-old aerialist named Spud Manning, who in 1928 began making free falls from as high as 14,000 feet, the oxygen limit for most human beings. Demonstrating no outward fear, Manning would leap from a plane at 14,000 feet and plunge like a rock to within 500 feet of the ground—a feat considered suicidal even today. And in 1932 Manning bettered himself by falling nearly three miles from 16,665 feet before opening his chute at 1,400 feet.

But it wasn't these dangerous feats which brought Manning, in later years, the title of the Father of Skydiving. His real prestige emanated from his experiments in free-fall stabilization—the ability to control body movement while falling. By moving his arms and legs, Manning found that he could turn and roll in mid-air with little effort. Until his death in a Lake Michigan plane crash in 1933, he continued to explore the various techniques of free-fall stabilization.

Meanwhile, U. S. military leaders continued to balk at the value of parachuting as a life-saving measure for pilots. Consequently, no one else thought much of the idea—no one except Sergei Meinov, a visiting Soviet military attaché who took the concept back to Russia in 1925. Josef Stalin, equally impressed with the sport, encouraged its growth in the Soviet Union, and by 1936 a total of 559 parachute training centers—all organized under one national parachuting organization—were scattered throughout Russia.

For the next 10 years sport parachuting experienced only a mild growth, a growth which was stunted at the onset of World War II. But after the war the boom was on, especially in Europe, where former pilots and paratroopers competed by seeing who could land closest to a selected ground target. Some chutists continued to perfect free-fall maneuvers, but the majority of jumpers cultivated their skills at "steering" their parachutes toward a drop-zone target. The latter activity encouraged the development of the 1st World Parachuting Championship, held in Yugoslavia in 1951. Not one contestant from the USA entered the competition, but in recent years dozens of American jumpers have participated in the international meets.

What's behind the popularity of skydiving? Why has the number of sport parachutists in the U. S. alone increased more than 500 per cent since the early 1950's, when the sport was actually introduced here by a French

paratrooper named Jacques Istel? One parachuting enthusiast answers this way:

"We've had a lot of good publicity from television shows like *Ripcord* and sport magazines like *Sky Diver*, *The Parachutist*, and *Parachute*. Certainly all of these things have made us a little more organized and sure of ourselves.

"But you've still got to admit that the biggest attraction to skydiving is the adventure of it all. Call it the daredevil in us or whatever you want, but it is there and the people are becoming more aware now than ever before that sport parachuting is fun—and safe."

Perhaps no other sport claims such a heterogeneous group of participants. School teachers, college coeds, mechanics, lawyers, salesmen, physicians, Army generals, mothers, bookkeepers—the list is endless. Most of these people can be found in California, the No. 1 skydiving state in the country. Close behind are North Carolina (home of the U. S. Army paratroopers' headquarters), New York, Ohio, Florida, Michigan, and Arizona.

Skydiving suffers its largest setbacks in popularity every time a jumper is killed. But the wide publicity fanned by every such incident casts an undue amount of suspicion on the sport, for statistics show that skydiving is one of the safest sports in existence. What the American public does not read about is the thousands of successful and safe parachute jumps that are made every week.

Tennessee skydriver Bud Sellick, who wrote a book on the sport, reports that among other athletic activities football causes about 15 deaths annually, boxing seven, and golf five. And these deaths, Sellick points out, are due to the nature of the sport itself, not human malfunctions such as heart attacks and strokes.

Out of at least 200,000 sport parachute jumps believed made in 1962, 19 jumpers were killed. Of the 19, nine died not because of a malfunction in the parachute but because they failed to pull the ripcords of either their regular or reserve chutes, thus indicating perhaps a human malfunction in mid air. No active jumper today will deny that the number of skydiving fatalities would be almost nil if each jumper abided by safety rules outlined by the Parachute Club of America.

Most amateur skydivers learn the sport with a parachuting club right in their own home town, although most of the veteran jumpers are ex-paratroopers. Learning how to skydive can be just as expensive as taking up skiing, although the beginner may reduce the expense by renting his equipment. If you are beginning on rented equipment, your instructor will most likely

Father Flanagan's BOYS TOWN CHOIR

Msgr. Francis P. Schmitt
Director

Now Booking 1964 Tour
Midwest and West

Write:

Msgr. Nicholas H. Wegner
Boys Town, Nebr.



Learn
FLOWER ARRANGING
Quickly and Easily at Home
Learn to make Professional corsages, arrangements, wedding and funeral designs. Study and earn your certificate at home. Unusual spare or full time money making opportunities or hobby. Send for Free Book... "Opportunities in Floristry"
LIFETIME CAREER SCHOOLS
Studio EL-24, 11826 San Vicente Blvd., Los Angeles 49, Calif.

REAL ESTATE

BE A BROKER

PAYS BIG! SEND FOR FREE, BIG, ILLUSTRATED CATALOG NOW! Graduates report making substantial incomes. Start and run your own business quickly. Men, women of all ages, learn easily. Course covers Sales, Property Management, Appraising, Loans, Mortgages, and related subjects. **STUDY AT HOME** or in classrooms in leading cities. Diploma awarded. Write TODAY for free book! No obligation.
Approved for World War II and Korean Veterans
WEAVER SCHOOL OF REAL ESTATE (Est. 1936)
3521H Broadway Kansas City, Mo.

FREE BOOK TELLS HOW



POKER CHIPS
REGISTERED, non-duplicate chips, monogrammed with your initials or your club's insignia. Extra heavy, square edge, in 10 colors. Also HI-TEST Precision Dice. Complete Clubroom Equipment and Carnival Wheels.
POKER TABLES
Write for Free Catalog!
GEORGE & CO., 9 E. Swan St., Dept. K, Buffalo 3, N.Y.

NEW Self-Service BUSINESS

HOME PACKAGING

PAYS UP TO 1200% PROFITS START FIRST DAY

SPARE TIME - FULL TIME
This profitable Home Business is easy to start. Any man or woman with average intelligence can make a go of it. No experience or selling ability needed. That's because all you do is package for self service racks. We supply packaging materials, everything needed... plus actual samples and a complete portfolio of products, that cost pennies and sell packaged - for dollars.
"The 10 step Packaging Profit Plan" tells you how to start and keep a steady flow of orders coming in without any house to house selling. New Business Plan shows you how to operate from your home without investment. Send for yours now - no obligation. Get my FREE BOOK AND HOME BUSINESS PROGRAM. Write today - no salesman will call.
HOME PACKAGING CO.
Dept. H 162, 807 Sunset Blvd., Los Angeles 12, Calif.



Mr. & Mrs. George of California package at home for 80 self service racks. One rack alone brings in \$100.00 mo.

NEW Mail Order Drop Ship Plan Brings IMMEDIATE PROFITS Without Investment.

TIRED OF WORKING FOR SOME ONE ELSE?

While employed, double your income with YOUR OWN business. Free illustrated book tells you how other men do it. Then expand full time. Gross hourly profit: \$9 plus \$6 on each serviceman. Your income is unlimited.

Your service is nationally advertised. It's worldwide. Endorsed by McCall's and Parent's magazines. Need no shop or experience. We'll teach and assist you. We'll finance you for all but few hundred dollars. Easy to learn... easy to do... quickly established.

We show you 15 proven ways to get customers. G. F. Munroe, after 12 months, sold his business for 10 times his cost. Leo Lubel sold for \$7,116 above cost.

L. Babbit writes: "I average \$400 monthly part-time. I'm starting full time." W. C. Smith: "Earned \$650 one week. Volume getting bigger." Ed. Kramsky: "In 2 years, have two a-sistants, a nice home and real security."

This may be your life opportunity. Find out today before someone else has your location. A postcard will bring full details and free book. No obligation. No salesman will call. Write TODAY before it's too late to get territory.

DURACLEAN CO., 4-542 Duraclean Bldg., Deerfield, Ill.

FOR MEMBERS ONLY

The simple, inexpensive answer to a very common lodge problem... Only an approved member's Card-Key will unlock this door—nothing else will open it. That is why more than half of all ELKS lodges are now using Card Keys.



Be sure your lodge also gets the benefit of this Card-Key System. For Free Information, without obligation, write to:
CARD KEY SYSTEM, INC.
P.O. BOX 589, BURBANK, CALIFORNIA

Your Own Shopper

Thousands of Elk families have learned the convenience and pleasure of shopping by mail through their ELKS FAMILY SHOPPER.

Right now, why don't you turn to this month's SHOPPER pages 26 to 32 and see all the interesting, attractive and useful items offered—all under the guaranty of a refund if you are not satisfied with your purchase.

If Ruptured Try This Out

Modern Protection Provides Great Comfort and Holding Security

An "eye-opening" revelation in sensible and comfortable reducible rupture protection may be yours for the asking, without cost or obligation. Full details of the new and different Rice Support will be sent you Free. Here's a Support that has brought joy and comfort to thousands—by releasing them from Trusses that bind and cut. Designed to securely hold a rupture up and in where it belongs and yet give freedom of body and genuine comfort. For full information—write today! WILLIAM S. RICE, Inc., ADAMS, N. Y., DEPT. 13 R.

charge you about \$25 that will take you through your first or second jump. This price includes ground instruction, insurance and flight costs, and rental of parachute, helmet, goggles, boots, coveralls, and instruments.

Almost all parachutists use altimeters and stopwatches in their jumps: the former indicates how far you are above ground level, and the latter shows how long you have been falling. The maximum terminal velocity, or the fastest speed a jumper can fall, is about 125 miles an hour. For jumps under 3,000 feet, most parachutists descend at about 100 miles an hour. Strange as it may seem, jumpers have some control over their descent speed; the fastest way down is "stand" vertically, thus minimizing wind resistance; the slowest descent, used by most skydivers, is the "spread eagle," with hands and legs spread out and the jumper lying on his stomach, so to speak. The back is arched so the stomach and reserve shoot protrude toward the ground, thus establishing a center of gravity.

A student's first jump is always made from a "static line" which is attached to the inside of the airplane and automatically pulls the student's ripcord seconds after he leaves the plane. Depending on the student's progress, static line jumps are repeated usually four or five times at the cost of about \$8 or \$9 per jump. On the sixth jump (\$5-\$7) the student pulls the ripcord himself. Proficiency is generally recognized when the neophyte parachutist can make a 30-second delayed free fall from 10,000 feet.

Next comes free-fall skill: the performance of back flips, turns, rolls, baton passes, "Hulu Hoops," and a variety of other tricks. Some students find it tough going in this area, but at least they're well past the greatest difficulty: making that first jump.

A Clemson College (South Carolina) student two years ago crawled out on to the strut of an airplane for his first static line jump. But then he looked down and decided he didn't want to take up skydiving after all. He attempted to crawl back into the plane but slipped and was left hanging by his hands from the wheel of the plane at 2,800 feet. The pilot, an experienced jumper, knew what to do: he released the wheel brake inside the aircraft and waved good-bye to the student. Ironically, that same student became one of the most proficient parachutists on the Clemson team.

Three thousand feet over Paris, Ontario, in late 1960, 21-year-old George Van Roosmalen of Woodstock, Ohio, was rescued from near-tragedy in one of the most unbelievable displays of skydiving heroism. Van Roosmalen leaped from a small plane but soon became hopelessly entangled at the end

of his static line. His right arm was bound against his body by the line.

His instructor, Army Cpl. Alfred Coxall, 33, started to cut the line away from the plane when he realized Van Roosmalen couldn't pull his own ripcord even if cut free. So Coxall slid down the line, which snapped just as he reached Van Roosmalen, and pulled the student's ripcord. Coxall then yanked his own ripcord as the two fell away from the plane. Both landed safely a few minutes later.

Such accidents do happen, but far more common among skydivers are humorous and harmless incidents which can be attributed to the nature of the sport. Former Army paratrooper Darrell "Deke" Sonnichsen, now executive vice-president of the PCA, was making a descent near Fort Bragg, N.C., a few years ago when a sudden gust of wind carried him about a half mile from his intended drop zone. Minutes after he landed in a sandy field, four farmers and a sheriff's deputy rushed up to him and asked: "Where'd the plane crash?"

On another occasion, members of the Thunderbird Sky-Masters of Phoenix, Ariz., were invited to parachute into the main street of Telson, Ariz., to help celebrate that town's annual "Whoopie Daze" celebration. The mass descent of skydivers was to be a surprise to everyone, and it was—especially to an uninformed town policeman who thought the parachutists were party crashers. He hauled them all off to jail, but they were released by the embarrassed cop a few minutes later.

What is the "feeling" of skydiving? According to Bill McCarthy, an avid jumper and PCA safety officer for the Denver, Colo., area, the feeling is much the same as being suspended underwater. "Before you pull the ripcord you just float around the sky for awhile doing a few somersaults, back flips, turns, and rolls. The thrill is just out of this world."

In a few months McCarthy hopes to go after the world high-altitude record by bailing out over the Continental Divide in the Colorado Rockies. After that, he hopes to try for the western U.S. high altitude jump record.

And he'll probably make it. After all, in this sport the sky's the limit. • •

About This Month's Cover

Top to bottom, the six flags depicted represent (1) the Bunker Hill Flag, c. 1700, (2) the Grand Union Flag, 1776, (3) the Stars and Stripes (Betsy Ross), (4) the 1814 Star-Spangled Banner that inspired Francis Scott Key, (5) a pre-1777 Southern flag (the rattlesnake, signifying defiance, was a recurring Southern motif), and (6) our present 50-star flag.

For Elks Who Travel

(Continued from page 39)

As for you men, the same rule of informal clothing aboard ship applies to land jaunts. If at all in doubt, ask your steamship agent; he'll be happy to help you steer a pleasant course.

There are 24 steamship companies engaged in transatlantic service: American Export, Canada Orient, Canadian Pacific, C.C.N.-Portuguese, Cunard, Donaldson, Europe-Canada, French, Furness, Gdynia America, Greek, Hamburg-Atlantic, Holland-America, Home, Inces, Italian, National Hellenic American, North German Lloyd, Norwegian America, Oranje, Spanish, Swedish American, United States, and Zim lines. (For information, write the Trans-Atlantic Passenger Steamship Conference, Battery Place, New York City 10004.)

Among the companies serving the Pacific are Matson, American President, and P & O-Orient Lines.

Steamships are divided into five categories: superliners, express liners, then a variety below the express liner, one-class ships, and freighters. Nearly everyone is familiar with the superliners. These are the big, fast ships such as the *France*, *United States*, *Queen Elizabeth*, and so forth, that will get you to the Channel ports from Manhattan in 5-7 days, Gibraltar in 6-7, and the Mediterranean ports in 8-9. Pacific crossings from San Francisco to Yokohama via Honolulu take approximately half a month.

From the number of letters I've received lately, there's a great deal of interest in that last category—the freighter. These ships will take the tourist almost any place in the world today for little more than it costs to vacation right at home. Ordinarily, information about freighter travel is hard to come by. But *Ford's Freighter Travel Guidebook* (P.O. Box 505, Woodland Hills, Calif.) lists every company in the business of providing freighter trips. Revised twice yearly, this 112-page book sells for \$2.75. It gives the names of 118 steamship lines, as well as listing more than 200 ports of call, descriptions of accommodations, fare prices,

and voyage lengths, and so forth.

If you're thinking of this way of traveling, be forewarned that the more popular trips are booked well in advance. And since a freighter can only accommodate a few passengers (usually twelve), you can't expect to pick out a freighter that's sailing soon and expect to be aboard when she leaves.

Freighter ports of departure are found everywhere—East Coast, West Coast, the Gulf and Great Lakes ports.

Generally, your accommodations on a freighter will be found amidships, where vibration is less noticeable. Some cabins have air-conditioning, wall-to-wall carpeting, taped music, and telephones. Life aboard a freighter can be as uncomplicated as an old maid's datebook, but, although there's no real planned entertainment, this doesn't necessarily mean no social functions.

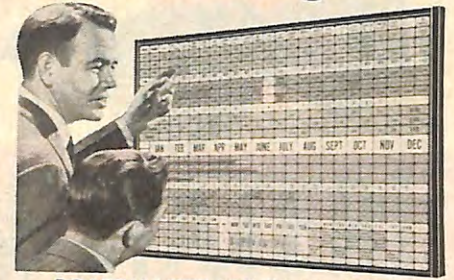
In fact, a friend of mine told me about a freighter captain who tossed a welcoming cocktail party aboard his ship. After this, the passengers themselves took turns hosting similar pre-dinner bouts each night out. (With liquor prices ridiculously low aboard ship, anybody can play host, without serious financial suffering.)

Your meals on a freighter will be the same as those enjoyed by the ship's officers—steaks, roasts, chicken, a varied selection of fruits and vegetables. Coffee and tea are available any time. Besides this, your steward will arrange between-meal snacks, which tend to account for that heavier-but-happier appearance of freighter passengers on their return home.

There are several reasons why freighter travel is geared to the tourist with time to burn. Chief among them, probably, is the possibility that the voyage may be longer than anticipated. Ports may be added to the itinerary—all without notice—which might give you the jitters, if you have a tight time schedule.

But whatever you choose, the luxury steamship or the informal freighter, you'll discover a new and unhurried life out there on the horizon. And if anyone's got an extra berth—no matter what class—I'll be happy to tag along.

How To Get Things Done



BOARDMASTER VISUAL CONTROL

Your operations are pictured at a glance. You save time, money and prevent mixups by Seeing What is Happening at all times. Ideal for Production, Maintenance, Inventory, Scheduling, Sales, Etc. Easy to Use. You write on cards, snap on metal board. Over 750,000 in Use.

PRICE \$49.50

FREE 24-Page BOOKLET No. EK-30 Mailed Without Obligation
GRAPHIC SYSTEMS
925 Danville Road • Yanceyville, N.C.

Write for

FREE

ADIRONDACK
CATALOG

ADIRONDACK CHAIR CO.
104-N W. 17th • N.Y., N.Y.

Factories—
DALLAS • BOSTON
LOS A. • CHICAGO
PITTSBURGH



CHAIRS
Manufacturers of:
• School Furniture
• Blackboards
• Tennis Tables



TABLES

Immediate Delivery!



BOOK OF MEMORY

in everlasting bronze
For listing 100 to 3250 names of deceased members economically. Write for free catalog showing photos of hand-chased cast bronze plaques.

NEWMAN BROTHERS, Inc.
Dept. 722, Cincinnati, Ohio 45216

HELP WANTED—SPARE TIME

SENSATIONAL NEW LONGER-BURNING LIGHT BULB. Amazing Free Replacement Guarantee—never again buy light bulbs. No competition. Multi-million dollar market yours alone. Make small fortune even spare time. Incredibly quick sales. Free sales kit. MERLITE (Bulb Div.), 114 E. 32nd, Dept. C-41S, New York 16, N.Y.

In Canada: Mopa Co., Ltd., 371 Dowd St., Montreal 1, PQ

Grand Trustees Meet at Elks National Home



Grand Exalted Ruler Dunn and Grand Secretary Franklin Fitzpatrick were pictured recently at the Elks National Home with the Board of Grand Trustees. Front row, l. to r., they are: Raymond Dobson, Robert Boney, Edward McCabe, R. Leonard Bush, Mr. Dunn, Edwin Alexander, Arthur Roy, Mr. Fitzpatrick, Nelson Stuart, and Joseph Bader. Home Supt. Thomas J. Brady is pictured, center background. In the second row: the officers of the Home Lodge

SAVE UP TO 50% with AUTO NEEDS CATALOG



FREE
Save up to 1/2 on hard-to-find exact replacement parts and accessories—everything for your car or truck. Shop by mail from GIANT, all-new Whitney catalog—world's biggest line of auto parts and accessories. Over 100,000 values for ALL years, makes from Model 'A' Fords to '64s. Thousands of new items. Satisfaction guaranteed. Mail coupon.

J. C. WHITNEY & COMPANY
1917 (3-K2) Archer, Chicago 16, Ill.

Please rush giant automotive catalog. I enclose 25c for postage and handling (refunded on first \$5 order.)

Rush This Coupon Today!

NAME _____
ADDRESS _____
CITY _____ ZONE _____ STATE _____

AN ANNIVERSARY SUGGESTION

Four years ago the Grand Lodge prepared a presentation of color slides accompanied by a transcribed commentary to be used to indoctrinate new members with a history of the Order of Elks and its benevolent and patriotic activities.

A set was presented to every subordinate lodge. This project was undertaken on the assumption that a man would be a better Elk if he were informed about the organization he was joining and its reasons for existing. The assumption was valid, and the indoctrination slides have returned their investment many times over, with a very important bonus.

The bonus is this: Not only have the slides proved extremely effective in achieving their intended purpose of giving new members a solid footing in Elkdom; they also have opened the eyes of those older members to ramifications of their Order that they did not know existed.

This is by way of leading up to the suggestion that one of the best ways that any lodge can celebrate the 96th anniversary of the Benevolent and Protective Order of Elks is to arrange a special showing of these color slides for the benefit of all its members. It may sound strange, but there are many Elks of long standing who have only the foggiest idea of what this Order is and does and why it does it. The experience of many lodges that have arranged just such special showings of these slides indicates that every lodge will be well advised to do likewise. It will be an eye-opener to the old-timers as well as to younger members who have not had the opportunity to see this presentation and get a

glimpse of the tremendous sweep of the Order.

Even better, why not invite wives and other members of the family to attend so that they, too, can gain a better understanding of Elkdom. They will be impressed by the scope of the Order's many activities and gain a better understanding of why the Order of Elks is such a powerful factor for good in American life.

It has been that for 96 years, a span that covers half the history of our Republic, and the growth of the Order and the expansion of its patriotic and philanthropic programs promise that it will continue to be a vital influence for the promotion of our country's welfare.

As measures of that growth and expansion, the number of Elks lodges has grown 40 per cent in 20 years, membership 140 per cent, and benevolent expenditures of our subordinate lodges more than 130 per cent.

The Elks National Foundation's assets have soared 1,200 per cent, and its expenditures for a wide range of splendid philanthropies have likewise soared from \$22,000 annually to \$374,000, representing a rise of some 1,600 per cent.

This period also has seen a staggering expansion of major projects, principally in the field of child health and welfare but also embracing many others, by our State Associations, as further evidence of Elkdom's vitality and its responsiveness to human needs.

There could be no better way to observe Elkdom's anniversary than a special showing of these indoctrination slides to all members and their families.

Way to Brotherhood

Brotherhood Week, observed February 16 to 22 under the auspices of the National Conference of Christians and Jews, is a splendid time to reexamine our prejudices to determine whether they are worth keeping.

Such an examination might reveal prejudices not even suspected, especially among those of us who pride ourselves on being tolerant.

But the main target of such a personal checkup should be those prejudices that we have cherished for so many years that they have become a prop to our whole attitude toward life. They are the firm beliefs, notions, half-truths which we have used in place of reason to form our attitudes and judgments respecting others. They have become such comfortable habits that

to question them, to subject them to skeptical scrutiny, might require more intellectual discipline than we possess.

Prejudices that arise from stereotyped thinking about people who are different from us are barriers to understanding our fellow men, to knowing them in their true character and their true value as individuals. They are a bar to the brotherly love that leads to true charity, mutual understanding, and respect.

Getting rid of prejudices can be difficult and painful, but its reward is a healthier mind and soul and the fostering of a better world for all of us.

Help Bulletin Editors

Among other unsung heroes count the editors of our subordinate lodge bulletins.

In many cases the lodge Secretary doubles as editor. In any case, the rule is that bulletin editors get little commendation and too little support or assistance from their Brothers. But they receive plenty of criticism and even abuse.

Lodge bulletins perform a most important function of communication, informing the members of events and activities of the lodge, State Associations, and the Grand Lodge. They generate interest and aid in boosting participation. Good bulletins help make good lodges.

Let us recognize the valuable contribution that our lodge bulletin editors are making and help them to do a better job by giving them our cooperation and support.

NEW FRENCH GLASSES

LET YOU SEE FISH

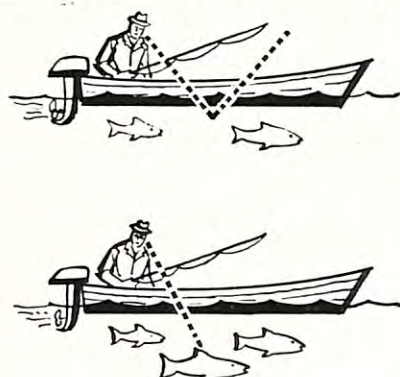
BELOW SURFACE OF WATER!



View without Lunette Glasses



Same view with Lunette Glasses



An amazing new invention hit the world last year when the first "Lunette Radar" glasses were brought in from France. For the first time, this amazing invention gave fishermen an easy, inexpensive way to see below the water surface . . . to spot fish . . . to let a fisherman see what he's doing instead of fishing "blind."

Invented and introduced in Europe, these sensational glasses sold so fast we never caught up with the demand. They were written up in one of New York's great newspapers—but with almost no publicity and very little advertising, we were sold out all year long!

GREATEST NEW FISHING INVENTION

What made these glasses the most-wanted fishing aid of the year? First, the obvious fact that now—for the first time—fishermen can see below the surface as they fish—with no cumbersome equipment or heavy gadgets.

You just slip these Lunette Radar glasses on—and water that you can't see into at all with the naked

eye becomes clear—so you can see for at least 2 ft. to 12 ft. (or more) below the surface!

See photo illustrations above. These were taken with a camera lens. With the human eye, you will see even better! Even with a camera, though, you can see how water reflects glare. Without glasses, you see only the surface. Put these Lunette Radar Glasses on—even over a camera lens—and you see below the surface! Now fishermen can see fish before they bite. Now you can bring your line close to the fish and watch the movement of line and lure . . . now you can see whether fish has mouth open or closed . . . now you can see your line and lure working . . . now you can take your line in faster because you can see fish take your bait. **NOW YOU CAN FISH "SMARTER"—NOW YOU CAN TAKE MORE FISH—EVERY TIME.** With Lunette Radar glasses, you save precious fishing time. You can see into holes—even in swift-running streams. You see through brush-piles, weeds—down into lakes, ponds and salt water.

And you do this with both hands free—with complete comfort and freedom of movement. Now you can bank on more fishing, more pleasure, more enjoyment as you study marine life underwater, learn what goes on beneath the area you fish.

RUSH ORDER—DON'T BE DISAPPOINTED

This year, we have brought in a sizeable supply of Lunette Radar Glasses. We are prepared to fill your order now. But we can't estimate the demand. Orders will be shipped on first-come, first-served basis. So—send coupon now to be sure you get your pair early—before the season starts. These famous glasses are only \$9.95 a pair, plus 50¢ pp. & hdlg. 2 prs. will be shipped postpaid for \$20.50. We guarantee you will be pleased to own them as hundreds of fishermen were last year. If you are not 100% thrilled with them after one fishing trip, return them for an immediate refund.

Rush coupon below to order now for the greatest fishing year you ever had!

KEEP WARM

this winter
wherever you
go—with famous
HEAT-PAL
HEATER-STOVE



For Tents, Camps, Cabins—Heat-Pal provides instant, safe heat, no matter how cold the weather.

There Are 3 Heat-Pal Models:—

Regular Heat-Pal: Red lacquered finish, upper part heavy-duty spun aluminum, has carrying strap for easy transport. Approximately 9" x 11 1/4" x 9". Weight 5 lbs. Delivers 3600 BTU's per hour. Runs up to 20 hours on 1 1/2 pints of fuel. Price \$19.95

Heat-Pal 5000: Same construction but larger size: 9" x 13 1/4" x 9". Weight 7 lbs. Delivers 5,000 BTU's per hour. Runs up to 30 hours on 2 3/4 pints of fuel. Price \$27.95.

Boat Heat-Pal: Same specifications as Regular Heat-Pal but made of heavy gauge aluminum enamelled in boat blue, all working parts of brass or stainless steel. Can't rust ever. Price \$24.95. Also available: Fuel container for carrying extra fuel—2 pt. size, \$2.25.

Now—entirely at our risk—see for yourself why Heat-Pal—a product of Swedish precision engineering—has made such a great name for itself in the United States. Choose any Heat-Pal you want. Send your order at the price shown, plus \$1 per stove, PP & Hdlg.

Use it for a full month—in any weather—anywhere! If you do not agree that your Heat-Pal is all we say—return it for an immediate, full refund.

You be the judge. You can't lose. But you can get the best all-around stove you ever used! Send coupon below to order.



Cooks Complete Meals—You can't cook better at home. Heat-Pal gives steady, regulated heat, easily controlled.



Heat-Pal stoves give maximum heat with maximum safety! The regular Heat-Pal delivers up to 3600 BTU's per hour! The Heat-Pal 5000 (a new model) delivers up to 5,000 BTU's per hour!

They produce this heat almost instantly—as soon as you light them—and you can regulate the heat by an outside volume control. They double as cook stoves, too. With Heat-Pal you can boil water fast—or simmer a stew. You can run them as heaters for as long as 20 hours on low. Or switch to any range up to high for instant high heat.

Heat-Pals use inexpensive denatured alcohol or alcohol solvent—you buy it in any hardware store—anywhere. This fuel goes into a special burner, which is crammed with absorbent non-flammable material. Heat-Pals don't burn the raw fuel, though. They burn vaporized fumes. Safest method known. There is no liquid to spill or leak. You can tip a Heat-Pal over and no fuel escapes.

A Field & Stream Magazine report says, Heat-Pal is so safe . . . "it will burn safely even though lying on its side."

Your Heat-Pal will warm you—cook for you—in tents, cabins, boats, trucks, cars or station wagons. Will keep you warm and comfortable anywhere—from a duck blind to a trailer.

©1964, by EMPIRE MDSG. CO. Tuckahoe, N. Y.

MAIL HANDY ORDER COUPON NOW!

EMPIRE MERCHANDISING CO., Dept. EL264
140 Marbledale Rd., Tuckahoe, N. Y.

Please send me the items checked below on your guarantee of complete satisfaction. If I am not satisfied, I may return them in good condition for immediate refund. Payment enclosed \$_____.

- Heat-Pal Heat-Pal 5000 Boat Heat-Pal Reserve Fuel Cont.
 Lunette Radar Glasses—Pair(s)

Name

Address

City..... State.....



Flavor that goes with fun...



Pure white, modern filter ▶  ◀ Filter-Blend up front

Changing to a filter cigarette? Change to America's favorite.
Join the big swing to Winston...the largest-selling filter cigarette!

Winston tastes good...like a cigarette should!