

SOAP TO SMOOTH WAY FOR THRIFT

Movement Is Being Considered to Conserve Waste Fats of City.

AYER CALLS CONFERENCE

Local Manufacturers Will Be Asked to Co-operate in Efforts to Save Glycerine, Needed by United States in Making Munitions.

The familiar bar of soap is the latest staple to command the attention of the Food Administration. It's a slippery proposition, but it won't have a chance when Portland housewives mobilize for the attack.

Federal Food Administrator Ayer has arranged a conference of soap manufacturers of the city, who will meet in his office in the Northwestern Bank building at 2:30 Monday afternoon to work out a plan for conservation of waste fats in homes, hotels and restaurants. The system which Mr. Ayer plans provides for the conserving of waste, the collection of these savings, and their acceptance by soap manufacturers for cash or "soap credit."

The Food Administrator points out that Portland is well supplied with soap manufacturers and is equipped to do great service in this field.

Producers Will Benefit.
The "save shipping space" slogan will automatically apply once the system is in force, as the tendency will be to patronize Portland and Oregon firms and discontinue the practice of sending outside the state for products which are available here at the same prices. Thus the campaign will directly benefit Oregon producers while assisting in the war program of the railroad service. The paramount reason for conservation of waste fats in homes and hotels lies in the need for the substitution of certain ingredients for glycerine, a chemical which is an important adjunct to the manufacture of munitions. The glycerine, which would ordinarily go into the soap bar, will when the substitutes are available, go into the construction of high-power projectiles.

Small Boys Interested.
All soap manufacturers are urged to be present at the conference on Monday. Queries are already coming in to the office of the Food Administrator from interested housewives, who wish definite instructions with respect to the saving of fats.

Inquiries from small boys indicate that the youngsters will comb the neighborhoods in which they live for bacon rinds, bones and meat scraps, which they will be able to sell to soap manufacturing firms. To each firm, the Mount Hood Soap Company, 276 Gilman street, and the Luckel, King & Cakes Soap Company, 642 Hood street, have already promised to buy all fats taken to them.

Following the conference on Monday directions will be issued throughout the city, giving a list of valuable waste products which will be accepted by the soap manufacturers.

Public Library Notes.

"SOLDIERS" is the simple title of a poem by F. S. Flint, published in "Some Imagist Poets—1917," the chief exponent of the "vers libre" movement published in this country.

Brother
I saw you on a maddy road
In France
Pass by with your battalion,
Little at the slope, full marching order,
Arm swinging,
And I stood at ease,
Folding my hands over my rifle,
With my battalion of one.
You passed me by, and our eyes met.
We had not seen each other since the days
We climbed the Devens hills together,
Our eyes met, startled;
And, because the world was silence,
We dared not speak.

O, face of my friend,
Alone distinct of all that company,
You went on, you went on,
Into the darkness,
And I sit here at my table,
Holding back my tears.
With my jaw aching, my teeth clenched,
Knowing I shall not be
Known so near you as I saw you
In my dream.

The municipal reference library has on file several new building codes, including that of New York City, 1917; Boston, 1914, and Pennsylvania State, 1916.

COUNTY WORK EFFICIENT

Jail, Detention Camp, Hospital All Properly Managed.

After a careful investigation the Multnomah County grand jury has found the County Jail, Women's Detention Camp at Kelly Butte and the County Hospital all efficiently managed and in satisfactory condition. It asserts in the final report submitted yesterday to Presiding Judge Kavanaugh.

During the 31 days it met the grand jury disposed of 75 cases. Several secret indictments and a number of not true bills were returned in the final report submitted yesterday. A new grand jury will be drawn the first of the week.

SOLDIERS' WELFARE TOPIC

A. E. Carter Addresses Meeting of Oregon Civic League.

Safeguards for the physical and moral welfare of the soldiers formed the subject of discussion before the Oregon Civic League at its luncheon yesterday in the Multnomah Hotel. A. E. Carter, field executive for the Foodieck commission, explained the organization and purpose of the commission. His address was supplemented by remarks by John McCourt, also representing the Foodieck commission.

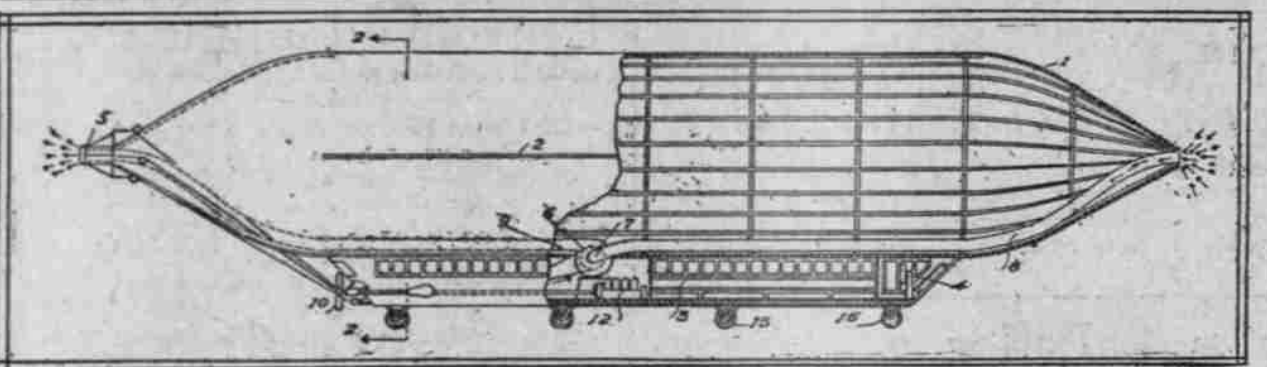
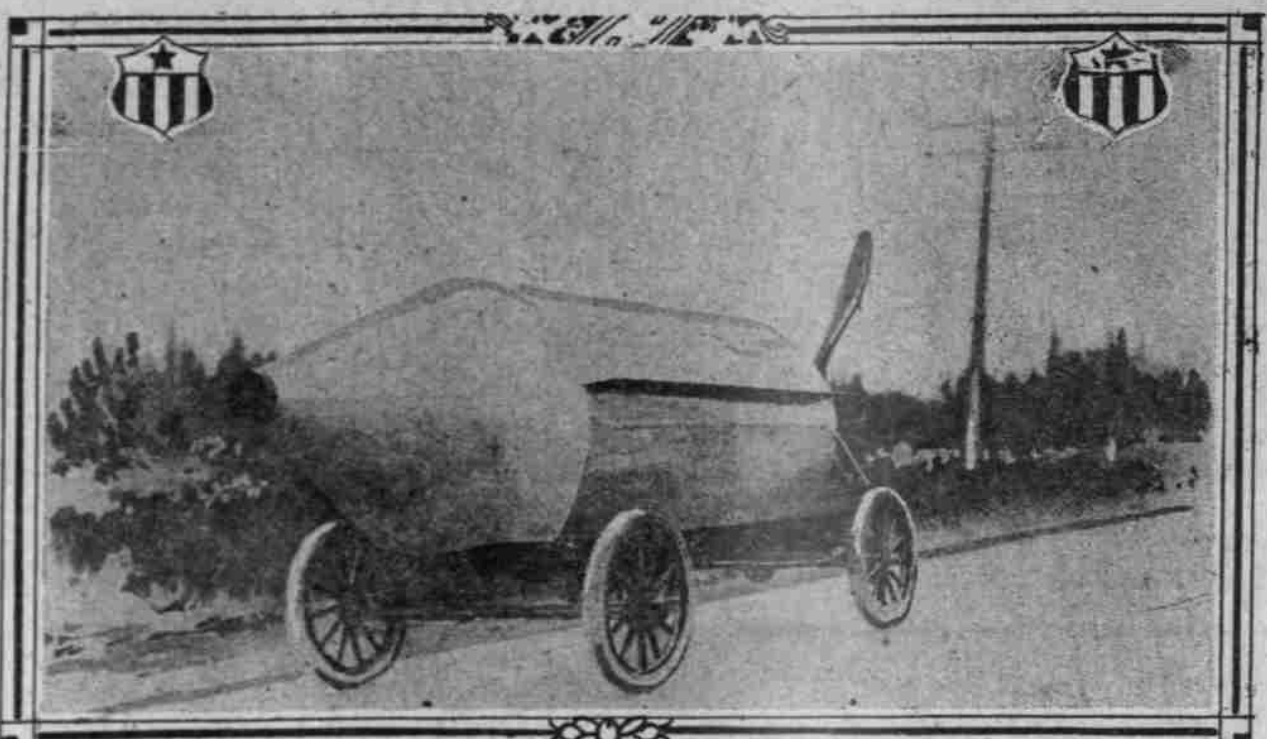
Miss W. C. A. and Mrs. William McCourt, Master of the work of the hostess houses that are being established at the Army cantonments by the Y. W. C. A.

Pendleton Seeks to Hold Industry.
PENDLETON, Or., Jan. 5.—(Special.)—Every effort will be made during the next 10 days to secure assurances of the additional capital which is asked by the Blawie Harvesting Company, if it is to remain in Pendleton. Business men and farmers alike seem anxious to retain the industry in Pendleton, and it is believed that the additional capital will be forthcoming before January 14, when the next meeting is to be held.

Phone your want ads to The Oregonian. Main 7070, A 6095.

GIANT DIRIGIBLE AIRSHIPS, PRODUCT OF 30 YEARS' STUDY, MAY BE MANUFACTURED HERE

H. C. Berry, Inventor, Says Working Models Illustrate System of Overcoming Air Resistance, an Obstacle That Has Hitherto Conquered and Made Clumsy Other Airships.



If you have read Kipling's compelling yarn of future aerial traffic, "With the Night Mail," you wondered, doubtless, whether it is prophecy or dream. It may be that a Portland inventor will give you your answer, and that before another six months has passed. For in this city is now projected a plant to construct giant dirigible airships that will do all that Kipling's did in the night run from Liverpool to New York.

The inventor of the new and revolutionary dirigible, patents on which have been procured, is H. C. Berry, of 169 1/2 Sixteenth street, and his associate in its promotion and manufacture is Dr. G. E. Wattberry. The dirigible is to be known as the Wattberry, it is the product of 30 years of research and experiment and the men who back it are confident that it will open a new epoch in the navigation of the air.

By the adaptation of a principle that is simple in itself, but hitherto unapplied to aircraft, Mr. Berry asserts that he has conquered the chief obstacle to dirigible aircraft, the terrific air resistance. More than this, he has made that same resistance the salvation of his craft.

Traversing the airship, through the sea envelope, runs a tube, centrally equipped with a blower. In operation the result of this device is the suction of air away from the bow of the craft, the consequent creation of a vacuum into which the airship is irresistibly drawn, and the additional thrust of the tremendous air discharge at the stern. This feature, the inventor maintains, relieves the dirigible instantly of retarding air pressure, an obstacle that has hitherto conquered and made clumsy all other airships, including the Zeppelins.

Models Are Demonstrated.

Yet this novel application of an old principle was not counted upon as a motive power, although experiments have proved, the inventor declares, that the speed of the craft is more than doubled thereby. The motive power proper is supplied by twin propellers at the stern of the cabin. In existing models of dirigible machines the propellers attain their maximum speed when the air pressure equals their thrust. In the Wattberry, it is claimed, the propellers retain their thrust, greatly accelerated, because air resistance has been removed.

No Wattberry machine has ever taken flight, but working models, illustrating the blower principle of overcoming air resistance and of applying it to motive power, have been successfully demonstrated in Portland and elsewhere.

Mounted on a small automobile chassis, a 15-foot model of the Wattberry airship, equipped with the blower device and with propellers, and with no other driving power, has sped over the highways at 40 miles an hour, making 20 miles with the propellers alone and doubling its speed when the air resistance device was in operation.

Turns in Its Own Length.

A much smaller model, pivoting on a central shaft and operated by the blower alone, whirled dizzily and with great speed, leaping into the vacuum created at its bow and hurled forward by the air blast, that supplants the vacuum at its stern.

Nor is this all that the inventor claims for his dirigible. By means of a box rudder and the air discharge his craft will be susceptible of evolutions that put to shame the wildest cavortings of swift battleplanes. Hurling from the stern vent, the air discharge is met by a movement of the rudder. To instant response the craft turns in its own length or dips or dives at any angle. The working models perform these evolutions and Mr. Berry is confident that his dirigible will duplicate and surpass them when in flight.

The Zeppelin needs miles for a turning evolution, and is a slow and cumbersome climber. It is these traits that make it easy prey for airplane fighters and for anti-aircraft gunfire.

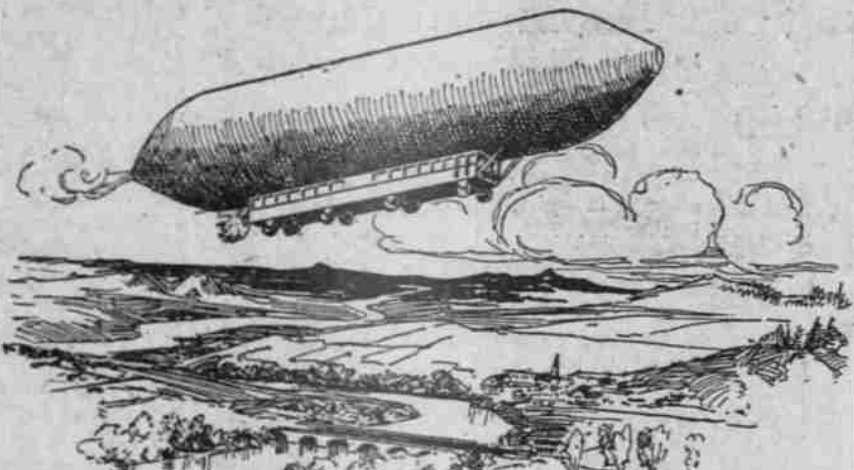
Traveling at far greater speed and with perfect mobility of operation, the Wattberry will afford a difficult and elusive target.

Great Speed Is Attained.

"We prove why a dirigible operated with the propeller cannot attain a speed greater than 60 miles and hour," declares Mr. Berry, "and we also prove why this same dirigible, equipped with both the propellers and exhaust fan will attain a speed of 300 miles or more an hour."

"It is a well-known fact that the sole cause for the dirigible not making greater speed is air resistance. When this resistance is eliminated by the use of the fan the propellers retain their forward thrust without slip, equal to the air displacement caused by the fan. The natural result is that we are utilizing all our power from both propellers and exhaust fan for forward energy, and can travel against a high wind as easily as with one. We have a safe machine with long range of action, ease of adjustment, and great maneuvering ability, that will travel regardless of weather conditions."

"We are now preparing to build a



Upper—Model Mounted on Auto Chassis, to Demonstrate New Principle of Lessening Air Resistance, Which Attains Speed of 40 Miles an Hour. Lower—Sectional Diagram of the Wattberry Dirigible, Showing Tube Traversing Envelope, With Central Blower, Which Lessens Air Resistance at Bow by Creating Vacuum and Accelerates Speed by Discharge at Stern. Equipped With This Device and With Propellers, the Airship Will Attain a Speed Greater Than 300 Miles an Hour, Asserts H. C. Berry, the Inventor. Lower, Right—How the Wattberry Dirigible Will Appear in Flight, as Drawn by a Staff Artist of The Oregonian.

rigid dirigible 220 feet long and 30 feet in diameter, to carry 20 passengers, or two and one-half tons over its own weight. We hold patents in this and foreign countries."

Army Officer Lands Invention.

Merle Gordon, now an officer in the Aviation Corps, who had 18 months' practical flying experience in France and who was a visitor in Portland a month ago, inspected the models and assured Mr. Berry that, in his opinion, the problem of the high-speed dirigible had been solved in his craft, and that the application of the principle to eliminate head-on resistance was the long sought key to the riddle of dirigible navigation.

Here are a few of the claims advanced by the sponsors of the airship that will be built in Portland: It will have double the speed of the swiftest airplane and 10 times the cruising radius; a fleet of 100 for war purposes could be built at a cost not exceeding \$40,000,000 and could operate in weather so wild that no other aircraft could venture forth, even for defense; its speed would reach at least 300 miles an hour; it could transport troops to the number of 300 swiftly from point to point; it could hunt the submarine lane in any storm, hovering above the doomed U-boat until the bomb plunged home, and the bombing of Berlin would be but a trifling excursion attended with certain success.

As the framework of the Wattberry

FORMER SHERIDAN RESIDENT WHO DIED HERE.



Sylvester Potter.

Sylvester Potter died at his home in this city, 5509 Thirtieth street, New York, N. Y., at the age of 82 years. Funeral services were conducted at the Holman undertaking parlors and interment was in the family plot in the Sheridan Cemetery. Mr. Potter was born in Cortland County, New York, in 1835. He came to Portland in 1889, where he entered business. Later he moved to Sheridan, where he was engaged in the grain elevator business.

After he retired he moved to Ashland and later to Portland, where he remained until his death.

He is survived by his wife, Mrs. Alice Potter, and two daughters, Mrs. E. J. Church, of Portland, and Mrs. R. A. Jones, of Arizona.

GREAT CAUSE CALLS

Work in Army Camps in Need of Financing.

STATE TO RAISE \$50,000

Week of January 14 to 20 Set Aside by Council of Defense for Campaign to Be Conducted by Knights of Columbus.

In their task of providing recreation, keeping in touch with home and strengthening the morale of the soldiers so that they will be better fighters, the building of the Y. M. C. A. and the Knights of Columbus at Camp Lewis are taxed to their combined capacity every night.

This combined capacity cannot accommodate more than one-third of the many thousands of soldiers at American Lake. The situation at Camp Lewis is paralleled at the other camps.

Between these two organizations there is a unity of purpose without duplication. There is more than enough work for both of them. At the huts of the Knights of Columbus and the Y. M. C. A. the doors are open to all, no distinction being made as to creed or other affiliation.

Estimates Greatly Enlarged.
The \$3,000,000 which the Y. M. C. A. thought originally would be sufficient to carry out its plans has been expanded to \$50,000,000. The \$1,000,000 which the Knights of Columbus thought would answer the purpose also proved inadequate and \$10,000,000 is required.

The Oregon State Council for Defense has designated the week of January 14-20 for the raising of the \$50,000 allotment for this state of the Knights of Columbus war camp fund. This prevents interference with other "drives." The committee to handle the Knights' war fund campaign is now being organized so that everything will be in readiness for Monday, January 14.

Under authority from the War and Navy departments 75 buildings have been erected in the camps and naval stations in the United States by the Knights of Columbus.

Pershing Gives Permission.

General Pershing, who controls the situation in France, has given permission to extend this work "over there." All the money raised will be used for war work and for nothing else. Approval of this work has been given by President Wilson, ex-President Roosevelt, ex-President Taft, Chairman Folsom of the war activities committee, William Jennings Bryan, John D. Rockefeller, Jr., and many others.

SCAPPOOSE RAISES \$325

Good Receipts Realized by Work in Behalf of Red Cross.

SCAPPOOSE, Or., Jan. 5.—(Special.)—The Red Cross Society here during the last month has raised about \$325 at auction sales, New Year's dinner and other undertakings. A service flag with 29 stars and room for seven more has been secured. Following are the names of the members: Charles Leonard, Lester Adams, Hugh Adams, Dewey Wren, Clyde Gochour, George Gochour, Watts Price, Lloyd Price, Herman Miller, Norman Miller.

DETT'S Toothache Gum

not only Stops Toothache, but cleanses the cavity, removes all odor, prevents decay. There are imitations. See that you get Detts' Toothache Gum. All Drug Stores, or by mail 15c. C. S. DETT & CO., Detroit, Mich.

OLD-TIME COLD CURE—DRINK TEA!

Get a small package of Hamburg Breast Tea, that the German folks call it, "Hamburger Brust Tee," at any pharmacy. Take a tablespoon of the tea, put a cup of boiling water upon it, pour through a sieve and drink a teaspoonful at any time. It is the most effective way to break a cold and cure grip, as it opens the pores, relieving congestion. Also loosens the bowels, thus breaking a cold at once. It is inexpensive and entirely vegetable, therefore harmless.—Adv.

"77"

To get the very best results take Dr. Humphreys' "Seventy-seven" at the first sneeze or shiver. "Seventy-seven" breaks up Colds that hang on—Grip. All Drug Stores.

COLDS

Opening for Railroad Officials.

An Oregon corporation has an opening that will interest two railroad officials who may desire to remove from Portland on account of their offices being closed by the war order. Interview by appointment only. Communication and interview kept in strict confidence. Address AB 512, Oregonian.—Adv.

Break a Cold in Few Hours

First dose of "Pape's Cold Compound" relieves the cold and gripe misery—Don't stay stuffed up!

Relief comes instantly. A dose taken every two hours until three doses are taken will end gripe misery and break up a severe cold either in the head, chest, body or limbs. It promptly opens clogged-up nostrils and air passages in the head, stops nasty discharge or nose running, relieves sick headache, dullness, feverishness, sore throat, sneezing, soreness and stiffness.

Don't stay stuffed up! Quit blowing and snuffling! Ease your throbbing head! Nothing else in the world gives such prompt relief as "Pape's Cold Compound," which costs only a few cents at any drugstore. It acts without assistance, tastes nice, causes no inconvenience. Be sure you get the genuine.—Adv.



Open for Inspection Today

an unexpected business change compels me to return to Texas at once and I must effect a sale of my new LAURELHURST home without delay. I came out here two years ago and built this beautiful bungalow for my permanent home on what I considered the most slightly corner lot in LAURELHURST, commanding an unobstructed view of the mountains, Laurelhurst Park and the surrounding country.

The house was built under my own supervision at a time when building materials were a drug on the market; nothing but the very best materials were used. It cost me over \$7000.00, including 150 feet of street improvements, which I paid up in full. With building materials at the present prices it is, of course, worth considerable more. There isn't a scratch on the finish and it's better than a new house, as the house is thoroughly dried out and we have a nice lawn and lots of shrubbery and flowers.

In order to make a clean, quick sale TODAY I'll sell my home for \$5000.00. This means a loss to me of over \$2000.00, when on the present market I am entitled to a profit of nearly that much. I ALSO SELL ALL MY EXPENSIVE FURNITURE, CARPETS AND DRAPERIES AT A REAL BARGAIN.

You'll find a reception-hall with closet and built-in seats, an extra large living-room with den adjoining, nice dining-room with beautiful buffet and large bay window opening toward street and Laurelhurst Park; French doors, large kitchen in marble enamel, breakfast nook, bathroom and two bedrooms downstairs, two bedrooms and toilet upstairs, all having full-length mirrors, and hot and cold water. Separate shower bath.

Inside finished in five coats of old ivory, with mahogany trim, extra high basement, concrete store-room, double garage under house, guaranteed furnace, laundry conveniences.

LOCATION: 1218 E. Ash St., cor. E. 41st. One block east of Laurelhurst Park.

It will be sold TODAY—Don't wait a minute. No agents need apply. J. L. SWAYNE, Owner.

N. E. Miller, Dewey Cloninger, Valdis Cholic, Luther Barnett, Roy Freeman and Roy Copeland.

White, Orville Garrison, Frank March, and The Red Cross membership has

Louie Turner, Clarke Grant, Jack Duncan, Fritz Robinson, Mike Callahan, reached 250 and the work continues.

Jim Callahan, Fred Armstrong, Fred Wist, O. K. Walt, J. H. Bingham, John Read The Oregonian classified ads.

Read The Oregonian classified ads.



"I bought five boxes

of Eureka Stumping Powder and now I want to sell a lot of other powder that I have," writes Rudolph Stadel, Silverton, Ore. "The other powder makes me terribly sick when I try to use it, but Eureka does not give me the least headache."

Eureka Stumping Powder is one of the two

GIANT FARM POWDERS

STUMPING—AGRICULTURAL

Eureka goes farthest and costs least in blasting stumps in dry ground. Giant Stumping Powder saves work and money in blasting in wet soils.

Both of these Giant Farm Powders are made especially to meet Western farm conditions. They are made by a Pacific Coast company, with 50 years' experience—the company that originated all "giant powders." Your dealer can supply you; if he does not, write us and we will see that you get the genuine, which has the Giant brand on every box.

Save Money on Stump Blasting

Our valuable illustrated book, "Better Stump Removing," shows you how to do it. Mark and mail the coupon—or send a post card—and we will give you this book and any of the four others that you care to have. Write now—before you lay this aside.

THE GIANT POWDER CO., Con.

Home Office: San Francisco

"Everything for Blasting"

Branch Office: Seattle, Spokane, Portland, Salt Lake City, Denver

Name _____

Address _____

Write below your dealer's name _____

FREE BOOK COUPON

The Giant Powder Co., Con.

Send me your illustrated book on

the subjects which I have marked X.

☐ Stump Blasting ☐ Tree Planting

☐ Boulder Blasting ☐ Ditch Blasting

☐ Subsoil Blasting

Name _____

Address _____

Write below your dealer's name _____

ARE YOU RUPTURED?

A poor fitting truss by not properly holding rupture is dangerous and worse than no truss at all. Anyone can sell a truss, but it takes an expert truss fitter to fit one. We specialize in fitting trusses, guaranteeing satisfaction in every instance. We carry all kinds of trusses, but the Seeley Spermatic Shield Truss is the best, usually closing the opening in ten days. Send for illustrated circular and measuring blank.

LAUE-DAVIS DRUG CO.

TRUSS EXPERTS,

Third and Yamhill Sts., Portland, Oregon

Send for illustrated circular and measuring blank.

Don't stay stuffed up! Quit blowing and snuffling! Ease your throbbing head! Nothing else in the world gives such prompt relief as "Pape's Cold Compound," which costs only a few cents at any drugstore. It acts without assistance, tastes nice, causes no inconvenience. Be sure you get the genuine.—Adv.