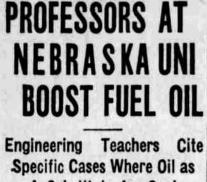
THE BEE: OMAHA, SATURDAY, DECEMBER 6, 1919.



A Substitute for Coal

of the subjects upon which Pro- port. fessor J. W. Haney of the engineering college at the State university at the university. He holds the degrees of Bachelor of Science in Mechanical Engineering and Master of Arts from the University of Misheat through steam boiler tubes. After finishing school, he was the chief engineer for a commercial power plant company in Kansas City. He then returned to the university as an instructor and later spent two years in Pennsylvania State college. Apropos of using oil for fuel in

the present emergency, Professor Haney says:

"The first thing is to secure a suitable oil burner. There are several manufactured, while in the last fiscal on the market. The purpose of the year the manufacture of cigarets had burner is to atomize the oil. The principle is the same as with the atomizer with which you sprinkle perfume. To get the properties of the oil it must be broken up into open-topped can. That would make a hot, smoky and uncontrollable fire.

"I have in mind a plant in Kansas City with a chain grate stoker which is mounted on a small track running in the boiler setting. When the price of coal is high and that of fuel oil low the stoker is backed out from under the boiler, the opening bricked up, oil burners are put in at the top and oil is used as fuel in place of coal. Removing the brick makes it possible to return to coal. This is done two or three times a

year. "Right in Lincoln there are several burners which may be used in heating dwelling houses. The grate is removed from the heating boiler of the furnace, the burner put in and started, and oil is used instead of coal.

#### Advantages of System.

"The advantages of this system are that you do not have any coal carry out and it is easier to regulate the fire. The main disadvan-tages are the increased cost of fuel oil over that of coal and the

**GREATEST ASSET** TO UNCLE SAM Of Six Billion Revenue Receipts of Last Fiscal Year Nicotine Yields \$206,003,000.

Washington, Dec. 5.-Estimates of \$6,000,000,000 as the yield of the present revenue law for the first 12 Is Successful. Oil as a substitute for coal is one Oil as a substitute for coal is one

TOBACCO PROVES

Payments of the first two installments, March 15 and June 15, prought into the treasury a total of is expert. This is his second year \$2,600,783,000, Mr. Roper said, while reports already in hand of the third installment payable September 15, fully support the bureau's estimate. Commissioner Roper said the tobacco industry had developed, into souri. His special research work was one of the greatest sources of feddone in the transmission of steam eral revue, the total receipts from this source alone for the fiscal year ending June 30, 1919, being \$206,003,-000, an increase of \$48,800,000 over those of the preceding year.

#### More Cigarets Smoked,

An enormous increase in the number of cigarets manufactured was hown by the reports, the total for the last fiscal year being approximately eight times larger than in 1910. In that year 8,500,000,000 cigarets and 8,000,000,00 cigars were

increased to 45,500,000,000, while the number of cigars remained practically stationary.

Discussing constitutional prohibi-tion, Mr. Roper said that probably small particles, otherwise it is likely to burn as would kerosene in an open-topped can. That would make when the constitutional amendment becomes effective January 16.

During the year ended June 30, ap-proximately 99,000,000 gallons of distilled liquor were produced from materials other than fruits, this figure representing a decrease of nearly 75,000,000 gallons from the previous year's production.

#### Prohibition a Problem.

The effect of wartime prohibition has presented a problem which is causing revenue officials "serious embarrassment," Mr. Roper said. Holders of heavy stocks of liquor in

bond were forced, under provisions of the last revenue act, to pay an additional tax September 15. The law closing the saloons for the pe-riod of the war has left those interests with their products and without means of obtaining money to make

the payments, he said. "Under the law the discretion of the bureau is limited to extending to shovel, there are no ashes to the time for payment of these taxes carry out and it is easier to regu- seven months," Mr. Roper ex-"Serious embarrassment plained. has resulted as to the course of action which should be taken in these necessity of a suitable storage for cases to protect the interests of the oil. There is a city ordinance that government without imposing unyou must bury the tanks. Some due financial hardships on the taxtests made for the purpose have shown that oil heating costs 15 to 20 per cent over heating with coal. "But the advantages above named

make the balance at this time rise this country and Canada and Mex-in favor of oil heating. The latter ico. Mr. Roper urged that some

PARCELS WRAPPED out charge, of course. -BRANDEIS STORES-BASEMENT-





" CATISFACTION or money back"; we can't put it any plainer. You decide the satisfaction by test of wear; we decide by what you say whether or not you're satisfied. We refund money cheer-

# Take Your Pick from Thousands of Luxurious OVERCOATS

A Super Value Overcoat Event

N inaugurating this SUPER-VALUE OVERCOAT EVENT we are presenting the greatest opportunity of the year to secure one of the best quality overcoats at a price that defies competition. Included are Kerseys, Vicunas, Scotch Fluffs, Knitted Textures, Shetlands, Fleeces, Irish Friezes, Blizzard Cloths and Leather Auto Coats.

American weaves; the choicest products of the textile world. Fur collared Overcoats, big warm ulsters, overcoats with the new wind shield collars, ulsterettes, double-breasted raglan models, dress overcoats. Chesterfields, sport models; knee length or ankle length types.

They're priced to save some money for you; the buying was done a long way ahead of the selling. We can offer you unusual values in

# Thousands of High Grade Overcoats In Two Big Lots--Lot 1 Lot 2

### Men's and Young Men's Suits of Highest Quality made by Hart Schaffner & Marx

These clothes satisfy the keen, alert desire of young men to look stylishly dressed. All the points that young men want; the shoulders, sleeves, waistline, lapels; the new things that make the young man satisfied with the way he looks to others, are incorporated in the new models.

You may have your own personal ideas about what you'd like to see in

This regulating valve stem can ex-tend up through the floor so it

"With that type of furnace you use what is called fuel oil, or distillate, due to the fact that this oil is easier burned than common crude oil, which must be atomized with compressed air or high pressure steam.

"The burner for changing the furnace to an oil consumer will cost about \$35 or \$40. Then there is to be added the storage tank and pip-ing and the expense of connecting

it up. "Small burners also are made to go into ordinary stoves. Where the house is heated with ordinary stoves the small burner can be placed in the stove and the house heated with oil instead of coal. "But what I fear, is that the sup-

ply of oil will be inadequate. A number of concerns in Lincoln have used oil burners."

#### Oil Refuse Briquettes.

Prof. A. E. Bunting of the same in the refining of gasoline and kerosene. This forms a deposit on the inside of the retort, averaging six to eight inches in thickness. After it has deposited sufficiently the retort is opened, the deposit is broken out and raked into iron cars while it is still white hot.

The cars are then submerged in water to cool. The material has the appearance of coke. Being made from the crude oil, there is practically no ash.

Professor Bunting has made several patterns for oil burners, but has not followed up the making and use of them. He urges as a more prac-tical measure the development of the waterpower in Nebraska for the generation of electricity and says that it would tend to compensate for the fuel supply. Power plants cour be erected wherever the fall of the water justified and heat and light could be generated at comparatively small cost. The power could be conveyed for many miles to places not on the stream. The professor wonders if even the sluggish and ap-parently almost level flow of the Platte could not be utilized by the sharp wits of man to avoid the stag-nation that follows insufficient fuel upplies.

As a practical measure Professor Sunting suggests that in the future every house built in Nebraska have -ze or two fireplaces where wood

ap be burned. The prfessor believes it entirely possible that at some not distant lay men will have learned to take electricity from the air and harness t for their needs.

As a wise measure at the present time in Nebraska he believes that in case the necessity arises all pub-lie buildings, schools and churches be turned into dormitories. He thinks that coal would thus be con-served and used far more economically than now when people are housed separately.

Bee Want Ads Produce Results.

is much easier to manage. You temporary arrangement be estab-merely turn a little valve to regu-late the flow of oil and the heat. this sinuggling. Expenditures of the bureau during the last fiscal year, Mr. Roper said, were \$20,573,771, an increase of \$12,low. It can also be regulated with a thermostat so as to open and close automatically, depending on the temperature of the house. "With the temperature of the house.

collect the second greatest tax bill the nation ever has laid.

Soldiers May Have to Use Balloon to Get

**Gifts From Xmas Tree** 

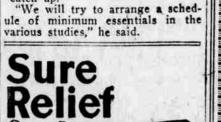
The largest Christmas tree ever used in the state to hang presents on will be given the soldiers at the balloon school of Fort Omaha if the efforts of Instructor A. L. Stevens prove successful.

If the right tree is secured a balloon will be required to reach the highest branches to hold presents, and another will be necessary to secure the gifts from the top of the tree. A mammoth skating pond will be constructed around the base of

the tree. The idea of using a balloon for college has used a manufactured fuel with practical results, but as this is no longer in the market it offers no solution for the present shortage. This is sold in the form of briquettes. It is the refue to the present shortage. the refuse left in the retorts day on his search for a tree high enough for a balloon to hover about the topmost branches.

### School Head to Arrange Special Course of Study

Superintendent Beveridge of the city schools will hold a meeting with the principals of the schools in the city hall today to arrange a spe-cial course of study for use when the schools open again in order to catch up.



BELL-ANS INDIGESTION 25 CENTS 6 BELL-ANS Hot water Sure Relief

cial, at

Velour Hats

popular hats at-

BELL-ANS



About 100 Silk and Serge Dresses, one or two of a kind, taken from our regular stock-\$24.75 and \$29.75 values, special at \$14.75. Another lot of 100 Silk and Tricotine Dresses taken from our regular stock-\$35.00 and \$45.00 values-special at \$24.75. This is a dress-buying oppor-tunity. Do not miss it.

**Julius** Orkin 1508-10 DOUGLAS.

Men's High Boots Regular Values to \$15.00 at \$1



Men! Don't suffer with cold feet, but come in Saturday and see the wonderful values that we are offering in High Boots to keep your feet warm!

An all Army, Dark Tan, Calf Lace Boot, 24 inches high, made over the Munson army last, closed tongue, two full soles, hand-welted and McKay sewed. Just the shoe you want for cold and wet weather. All sizes from 6 to 12.

# Christmas Slippers for Men

Cozy, Comfy House Slippers; in felt and in tan and black leather; Everetts, Operas and Romeo styles; Moccasin Slippers and a full line of soft, warm Felt Slippers.

-BRANDEIS STORES-MEN'S STORE-EAST-

What Would He Like Better Than a Splendid Fur Cap We feature them specially at \$10 Genuine Alaska Seal Caps, Detroit style, at about today's wholesale price; heavy satin lining; very special, at 10.00

Better grades at 16.00 and up to 35.00.

Men's Russian Men's Winter Men's Goo Squirrel Fur Caps. Serviceable Warm Caps in Brighton and Caps of all wool overcoatings and warm; speheavy and warm Golf styles. Spe--at 2.00 and up to \$4 cial at-6.00 and 7.00 1.00 and 1.50

### Stetson Hats--Moderately Priced

It makes no difference what style, shape or color you want-we have it. Unsurpassed values. Shades of black, brown and grey.

Priced at \$6, \$7, \$8 and up to \$15.

Hats at \$2.00 A splendid assortment of these Consisting of odd lots and samples; soft and stiff hats; specially \$6, \$7.50 and \$10 priced.

-BRANDEIS STORES-MAIN FLOOR ARCADE-

your clothes; we believe you'll find it here in these special Hart Schaffner & Marx suits for young men, made for us exclusively. Suits in new colors, new weaves, new values. Especially strong at

> and at \$35, \$40, \$45, \$60, \$70, \$85 BRANDEIS STORES-SECOND FLOOR-MEN'S STORE-

## Here's a Few Christmas Things He'd Like to Have

### -- From the Men's Furnishing Section

Any of these are the choicest of Christmas Gifts-the very kind that he'll expect when he opens the Christmas things Devember 25, and now is the best time to buy them, when stocks are complete and assortment diversified. Shop early in the week and early in the day.

A Fine Christmas Display of Silk Shirts at \$8.50 to \$18.00

There's nothing more suitable for a man's Christmas gift than a fine Silk Shirt! We have an elegant assortment.

Almost daily we are receiving Silk Shirts from the best shirt makers-shirts that were bought almost a year ago-enabling us to offer them to you at nearly the cost of the raw materials today. You will find Eagle Silk Crepe, Jersey Silk, Silk Broadcloth and Imported Japanese Silk-in exclusive patterns-plain colors, Jacquard and stripe effects. Our stock has never been so complete nor our assortment so large as at present!

Men's Union Suits

\$2.50 and \$2.95

These union suits.

which are specially

### Specials in Silk Hosiery Pr. 79c

120 Dozen Pure Thread Silk Hose. This line is made by one of the best manufacturers of Silk

Hose. We have them in all shades and all sizes from 9% to 111/2. They are regularly priced at 1.00 a pair, but in and fancy weaves; plain col-79c | tures.



Unlined, wool lined and silk lined; in the best of makes: Mocha, Cape and Suede leather. will please the fancy of any

Webber and Keller Sweat priced for this sale, are er Coats, 7.50 to 15.00. man. Many of the ties are They're all wool and worsted made of fine combed cothand-made, insuring double sweaters in coat style, with the wear. Silk Knitted Ties ton yarns and wool mixlarge shawl collar in rope come at 1.00 to 5.00; in plain stitch weaves; also slip-overs tures in grey, ecru and this sale you can have them ors, stripes and heather mix- in plain and fancy trimmed collar and cuffs. 2.79 to 7.50. white; all sizes.

Street and

**Dress Gloves** 

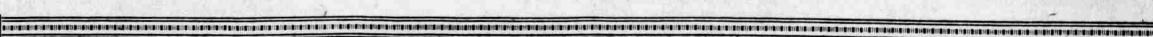
-BRANDEIS-MEN'S STORE-MAIN FLOOR-

### Luggage Makes a Practical Christmas Gift

### Here's an Exceptional line of **Traveling Bags and Suit Cases**

We have a wonderfully complete stock, and are featuring many novelties in unsurpassed values. Innumerable styles are on display, including bags and suit cases from America's best makers.

Leather Bags at \$10 and up to \$75. Leather Suit Cases at \$8 and up to \$65. Wardrobe Trunks, from the best makers, at \$28 and up to \$105. -BRANDEIS STORES-MAIN FLOOR ARCADE-



at

in the best of Domestic and Imported Silks. The making is excellent-and the patterns