Sixth and Everett Sts., Portland, Ore. our blocks from Union Depot. Two blocks rom New Postoffice. Modern and fireproof. Over 100 outside rooms. Rates 75c to \$2.00, CHAS. G. HOPKINS, Manager.

Hotel Rowland

One hundred and sixty-five Rooms, 'all Modern mprovements: free phones on every floor, Rates: 75c to \$1.50 per day: \$2.50 to

\$5.00 per week. Opposite Courthouse, 2 blocks from Postoffice, Fire Proof. S. P and Oregon Electric pass door.

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Raw Fur Dealers and Fur Manufacturers

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Guarantee quick returns; charge no commission. Make trial shipment and get the most for your FURS.

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PORTLAND, ORE.

Hides, Pelts, Cascara Wool & Mohair We want all you have. Write for Prices and Shipping Tags. THE H. F. NORTON COMPANY, Portland, Ore., Scattle, Wn., Bellingham, Wn.

THE VOGEL PRODUCE CO

for your Veal, Hogs, Poultry, Eggs, Butter, Hides, flat. Etc. If you have not shipped to us, try us. PORTLAND, OR. 113 Front.

Contrary Treatment.

dressing down."-Exchange.

"That girl thinks of nothing all day but a fine dressing up!" What she evidently needs is a good

A Hint.

Here is a suggestion for a scenario: During courtship he kissed her burning lips. After they were married those same lips frequently roasted him.-Florida Times-Union.

SHIP Veal, Pork, Beef, Poultry, Butter, Eggs and Farm Produce. to the Old Reliable Everding house with a record of 45 years of Square Dealings, and be assured of TOP MARKET PRICES.

F. M. CRONKHITE 5-47 Front Street Portland, Oregon



By buying direct from us at wholesale prices and save the plumber's profits. Write us to-day your needs. We will give you our rockbottom "direct-to-you" prices, f. o. b. rail or boat. We actually save you from 10 to 35 per cent. All goods guaranteed.

Northwest headquarters for Leader Water Systems and Fuller & Johnson Engines. STARK-DAVIS CO.

Portland, Oregon 212 Third Street.

No. 6, 1918.

New Houston Hotel USE WOOD FOR FUEL

Many Farmers Can Relieve Heavy Demand for Freight Cars.

NEEDED FOR WAR SUPPLIES

In Many States It Is Entirely Practicable to Replace Coal with Wood -Saving Would Amount to 70,000 Cars.

(Prepared by the United States Department of Agriculture.) Farmers frequently are situated so they can profitably supply fuel from their woodlands and thus relieve, to a considerable extent, the heavy demand for coal.

A maximum price for coal has been fixed by the Government. This does not mean, however, that the railroads will be able to transport all of the coal which the consumers may desire ELECTRIC MOTORS or want. Every freight car is per-Bought, Sold, Rented and Repaired forming a heavy duty; and the fewer WALKER ELECTRIC WORKS the cars that are used for coal the the cars that are used for coal the greater will be the number available for carrying other war commodities.

> Manufacturers, of course, cannot substitute wood for coal; neither can city people, because this would result in even greater railroad congestion. Nor is it likely that in either the South or the West the use of wood for fuel can be greatly increased. But in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohlo, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, and Missouri it ought to be entirely practicable in many cases to replace coal with wood for fuel. In these 17 states is a rural population of about 20,000,000, which, it is estimated, uses annually about 18,000,000 tons of coal. If, by substituting wood, one-quarter of the coal burned by farmers and one-tenth of the coal burned in villages could be to nearly 3,000,000 tons, or between 65,000 and 70,000 carloads.

Reduce Coal Consumption.

Farmers who own woodlands and peo- ing, wood should be thoroughly seaplete or universal; for many purposes | Wood cut in October and November, coal is much more convenient. But therefore, may be burned the latter for heating many kinds of buildings part of the winter.

wood grate for use in their furnaces. ing the rush season.

wood, a sheet fron cover over a good little opportunity to secure a profit of part of the surface will make it suit- even \$1 a cord. But with the prices able, or a few fire bricks can be used. Indicated for the coming winter, thin- much," remarked Senator Sorghum. Relative Heating Value of Wood and nings become practicable over a wide Coal.

In the matter of heating value, one markets, standard cord of well-seasoned hickory, oak, beech, birch, hard maple, ash, elm, locust, or cherry is approximately equal to one ton (2,000 pounds) of fresh egg.

anthracite coal. It takes a cord and a half of soft maple and two cords of cedar, poplar, or basswood, however, to give the same amount of heat.

One cord of mixed wood well seasoned equals in heating value at least one ton (2,000 pounds) of averagegrade bituminous coal.

If the consumer can buy coal at \$8 a ton, it would hardly be worth his while to burn first-class wood at \$8 a cord, except in an open fireplace, because coal is a more convenient fuel. If. however, coal becomes so scarce that it cannot be secured in sufficient quantitles, the consumer will, in some cases, have to burn wood at \$10 or even \$15 n cord.

Methods of Making Cordwood.

The most common method of making cordwood is to cut the trees into 4foot lengths with the ax and split the larger pieces. The pieces are then piled in a standard cord, which is 8 feet long, 4 feet high, and 4 feet wide. The contents are 128 cubic feet, of which about 70 per cent is wood and 30 per cent air. Wood cut 4 feet long can be sold to brickyards, limekilns, metal-working plants, and other industries, but is too large for household use. This method is used chiefly where the tree growth is comparatively small, as in second growth, because such wood splits easily.

Another method, and one better adapted for old growth hardwoods, which are difficult to split, is to saw the tree into logs of convenient lengths, say from 10 to 15 feet. These are "snaked" out to the edge of the woodland and there sawed and split into lengths proper for the stove or furnace. The sawing is usually done by machine, driven either by gasoline or by electricity. The wood is sawed into 16-inch lengths, as is customary with stove material, three runs are theoretically equivalent to one cord. Actually they contain somewhat more wood, since small pieces can be packed more closely than larger ones.

Wood a Profitable Farm Crop.

Firewood ought to bring a better profit this year than ever before, on account of the higher prices which are likely to prevail. Wood is a much saved, the total saving would amount less perishable crop than many which the farmer raises. When properly piled, the better kinds of wood will last from two to three years, though It is where team-hauled wood can it steadily deteriorates after the first be used in place of railroad-hauled year. To have the best heating value, coal that the change should be made, as well as to reduce the cost of haulfrom nearby farms are the ones in the six to eight months. When piled so briny. stitution of wood for coal will be com- may be removed in three months.

wood is the more convenient and Formerly it was common practice to the paint off the ship's bow and-" cheaper fuel. This is particularly true have wood cut by contract for from In the case of churches, halls, summer \$1 to \$1.50 per cord. With the present do me credit, Jack-you do me credit!" cottages, and other buildings for which high price of labor, however, the cost heat is required only occasionally; but may exceed \$2 a cord. The great difis then wanted in large volume at ficulty in securing farm labor is during the harvesting period. If farmers pleasant means of regaining health. Furnaces are built especially for can secure sufficient labor to harvest burning wood in 3 or 4 foot lengths. their crops, they should be able to Short lengths, of course, can readily keep enough men to cut and haul wood be burned in an ordinary coal furnace later in the season. In fact, the profitor in a box stove, though this is rather able employment of one or two extra wasteful of fuel. Many furnace manu- men on the farm during the winter facturers, however, make a special may help to solve labor difficulties dur-

One advantage in burning wood is that | The prices which cordwood will on moderately cool days the furnace likely bring this year offer an opporcan be run at a lower etb than when tunity for the farmer to improve his coal is used, consuming only enough woodland. Improving the woodland fuel to remove the chill. When wood means taking out the poorer trees. In is used in a round pot furnace, care the past this has seldom been prac-Will guarantee you top market prices at all times should be taken to have each piece lie ticable, for the inferior wood was not marketable. With wood bringing only If a stove grate is too coarse for from \$4 to \$5 a cord, there is very range of country in the vicinity of good

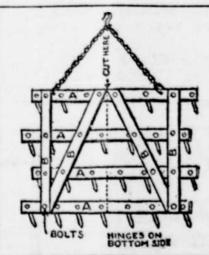
> Life of a Fresh Egg. Three days is about the life of a

Any Farmer Handy With Tools Can Put Implement Together at Home -It Can Be Folded Up.

A writer in Southern Peeralest in giving a plan for making a section harrow says:

Take four pieces, 21/2x3 inches, 4 feet long, marked A; three pieces 21/2x3 inches, 3 feet long, marked B; two pieces 21/2x3 inches, 4 feet long. marked C; 25 feet of %-inch steel rod for teeth; four strap hinges to fasten on underside. Bore seven holes in each piece, a little smaller than the teeth, equal distance apart. After driving the teeth arrange the swivel bars after the manner of a section harrow, and then fasten the braces as shown. Place hooks or chains equal distance from center for hitch chain. Now cut the harrow through center and fasten the hinges on the under side. If teeth are in the way punch hole in hinge for teeth. Put on the a little weight added, will do better hitch chain, and the harrow is ready work than any tool I ever saw. Laid large and middle sized ones, boarding house stocks are safe.—New York for work. Any man handy with tools flat with man on it it is equal to an Sun. can make this tool, and it can be iron harrow.

MAKING A SECTION HARROW folded up and carried anywhere. All I bought for mine was the hinges: made the teeth from old rake teeth. This harrow placed over a row, and



Cheap Section Harrow.

Protecting Your Children

The long, hard school term drains the vitality of growing children and you wonder why they are listless, puny and pale.

> Every school child will show marked improvement in health and growth if given

Its rich, uniform cod liver oil gets into their blood and gives them vim, snap and zest. It creates strength to resist school sicknesses, overcome pinched faces, sallow complexions and dull eyes. High authorities have established again and again that cod liver oil promotes growth and energizes the body and brain. The imported Norwegian cod liver oil always used in Scott's Emulsion is now refined in our own American laboratories which guarantees it free from impurities.

Scott & Bowne. Bloomfield, N. J. 17-15



VAUGHAN'S PORTABLE DRAG SAW Cuts 20 Cords in 10 Hours

THE ORIGINAL. THE LIGHTEST. THE STRONGEST. HAS MANY IMITATORS, BUT NO EQUALS. Write for Information. Vaughan Motor Works, 475 E. PORTLAND, OREGON.

THE LAST EXAMINATION OF WAR'S DRAFT.

Many a man has fallen down because a test of his water showed unmistakably

that he had kidney disease. The kidneys are the scavengers and they work day and night in separating the poisons from the blood. Their signals of distress are easily recognized and include such symptoms as backache, depressions, drowsiness, irritability, headaches, dizziness, rheumatic twinges,

dropsy, gout. "The very best way to restore the kidneys to their normal state of health and cure such symptoms," says Dr. Pierce, of Invalids' Hotel, Buffalo, N. Y., "is to drink plenty of water and obtain from your favorite pharmacy a small amount of An-u-ric, double strength, which is dispensed by almost every druggist." You will find Anuric more potent than lithia, dissolve uric acid as water does sugar. does sugar.
Send Dr. Pierce 10c for trial pkg. and ask for advice if there is need.—Adv.

Made Dad Proud The old sea captain, in brass buttons, sat smoking comfortably by his

fireside, when Jack, his sailor son, burst in upon him. "Weather too rough," explained the son, "So we've put in for a day."

"Too rough!" exclaimed Mr. Tar, ple in villages who can purchase wood soned, which means air-drying it from with visions of his own days on the "Why, sir, I was once sailing best position to reduce their consump- as to get a good circulation of air, round the cape when a storm came on tion of coal. It is not expected sub- however, 50 per cent of the moisture and it blew down the mainmast and the mizzenmast was swept away, but we didn't even think of putting in.' "Well, you see," explained the son, "this storm was so bad it blew the anchors off the captain's buttons, took

"Stop!" cried the old man. "You headed."—Baltimore American. -Milwaukee News.

To Dyspeptics: Others have found a steady course of Garfield Tea a Why not you?-Adv.

Deleted.

"This letter was deleted by the censor. So says the official stamp." "Then I guess it's safe to read it. Them letters must pass through queer channels, I s'pose, and the censor ain't going to let us run the risk of ketching something or other."-Louisville Courier-Journal.

TO BREAK IN NEW SHOES ALWAYS USE Allen's Foot-Ease, the antiseptic powder. It prevents tightness and blistering. Relieves Corns, Bunions, and Swollen, Sweating. Aching Feet, Gives rest and comfort. Accept no substitute. Sample FREE. Address, Allen S. Olmsted, Le

A Welcome Opportunity.

"I enjoyed that state paper very "In a patriotic spirit?"

"Yes; and in a personal spirit, too. It's the first time I've had a chance to say 'that's good' while listening to a speech as often as I do in a poker game."-Washington Star.

Just So.

"Incarcerating offenders is the wrong idea. We ought to try to prevent crime,"

"Just so," said the old-fashioned judge. "And you can prevent lots of crime by putting the right people in jail."-Louisville Courier-Journal.

One Deduction.

"They say you can tell Halloween fortunes with flour and molasses." "Think you can?"

"Well, it seems safe to hazard this much of a guess. Anybody who has flour and molasses to spare must be rich."-Louisville Courier-Journal.

For Constipation, Biliousness, Liver and Kidney troubles, take Garfield Tea.-Adv.

The Difference.

He-Do you know, I generally dance on an impulse. She-You didn't last night; you danced on my feet.-Baltimore American.

To Repel Boarders.

The government has commendeered prunes; but as it is taking only the

Sure! High Heels Cause Corns But Who Cares Now

You reckless men and women who are pestered with corns and who have at least once a week invited an awful death from lockjaw or blood poison are now told by a Cincinnati authority to use a drug called freezone, which the moment a few drops are applied to any corn or callous the soreness is relieved and soon the entire corn or callous, root and all, lifts off with the fingers.

Freezone dries the moment it is applied, and simply shrivels the corn or callous without inflaming or even irritating the surrounding tissue or skin. A small bottle of freezone will cost very little at any of the drug stores, but will positively rid one's feet of every hard or soft corn or hardened callous. If your druggist hasn't any freezone he can get it at any wholesale drug house for you .-

Finish of the Trip.

"That actor is very pompous. He

says he has 'arrived.' "He has," replied the manager. "This is where he gets off."-Washington Star.

"Why do people seem to think that

"Don't know, unless they conclude it is natural for them to be light-



can be overcome by feeding cow tonic to purify the blood and ap-BADGER BALM, Price, 50c. A soothing and healing ointment. Excellent for sore teats and in-flammed udders. Read the Prac-tical Home Vetriarias. Send for free booklet on Abortion in Cows. If no dealer in your town write

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PETALUMA INCUBATOR CO. Petaluma, California

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that acts quickly and contains no opiates. You can get such a remedy by asking for

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