

OIL THE CHEAPEST

Fuel of the Future for the A. & C. R. Railroad Co.

EXHAUSTIVE TESTS MADE

Means a Saving of Thousands of Dollars Annually—Reduces Cost of Handling and Storage—Engines to Be Gradually Equipped for This.

Superintendent John McGuire, of the Astoria & Columbia River Railroad company is authority for the statement that the use of crude oil, as the fuel of the future throughout that system, is assured. It has been tried, and found satisfactory from all points of view involved, utility, efficacy, storage, handling, cost, etc. The only difficulty encountered in the numberless trials given it, is the inclination of most engineers to feed it, on their engines in larger quantities than necessary, but this is a matter that will soon remedy itself, and, as Mr. McGuire says, the error is quite natural, for men who have had to make, and keep up steam, by the laborious and heavy process of shoveling tons of coal each day, can hardly realize the capacity of a small jet of oil doing the work of the bulkier material. The liquid fuel has many advantages among them the dispatch with which it can be handled, either in storage or in direct application in the engines, the bulk differences being notable, since the ratio between the two, has been fixed at four barrels of oil to six tons of coal. This ratio is observed in all the calculations made by the company's officers.

It is upon the question of actual cost, however, that the weight of opinion in favor of the oil, hinges, or, rather, is based. The latest test made, was on Tuesday last, on a round trip, passenger service run between Astoria and Portland: The engine hauling the trains, (six coaches eastward and eight west-

ward,) consumed exactly one thousand gallons of oil, or 24 barrels; as four barrels of oil are equivalent to six tons of coal, the coal consumed on such a run would be approximately, 36 tons. The margin of profit estimated by the company in favor of oil, at its cost in storage, is actually 30 per cent and the immense value of this must be ascertained, not from a single run, or a single day, but on the basis of annual supply and annual service.

To this big saving must be added the further gain accruing in the freight service, which will be duly proportionate, if not quite so large and to this, again, the reduced expense in storing and handling oil in the lesser quantities and smaller spaces.

Mr. McGuire and his colleagues have made an exhaustive line of tests in this relation, and the result of his report will be the equipment of every engine on the road for the general and permanent use of oil fuel. The changes in the mechanism of the engines must be made with due regard to the service, that it shall not be impeded nor distributed, so it may be some time before the entire motive power shall be so adapted.

JOB LOT IMPROVEMENT

Third Section of Exchange Street to Be Exploited.

The property owners liable to be effected thereby are being importuned to sign a petition for the establishment of an improvement district involving the grading and re-building of Exchange street between the center lines of Twenty-First and Nineteenth streets, and a good many of these interested parties are kicking vehemently over the blundering (or worse) procedure adopted by the powers that be to bring this improvement about.

There is no denial of the necessity for the improvement; it is conceded, on all sides, to be the right step to take. The protest is against the piece-meal methods adopted and the unnecessary labor and expense incident to them.

The protestants claim that the improvement of Exchange street from Seventeenth to Twenty-Third streets

was plainly apparent from the very outset; that the entire work could, and should, have been done, under one resolution, one assessment, one contract, in fact under a single charter procedure, to the conservation of personal and official labor, cost and annoyance; that instead of this, the paltry six-block improvement has been subdivided into three equally paltry "improvements" each involving all the machinery provided on the charter for such purposes, each susceptible of the same sums of cost, the same amount of work, and the same phases of discomfort, incident to a single improvement. Some attribute the disposition to job-lot public work of this kind to stupidity in interpreting the charter and ordinances, or to a desire on the part of the council to magnify the volume of work it is doing for the public, and others go still further with far unkindler suggestions in which "graft" has a place. At all events the kickers are kicking and will keep on, until some adequate reason is offered by those in charge, for thus sectionalizing public work that might be done in one, comprehensive line of procedure.

POWELL-SCHROEDER.

Mr. Alfred J. C. Schroeder and Miss Martha E. Powell a popular young couple of this city were united in marriage yesterday at 3 o'clock at the home of the bride's mother, Mrs. Ellen M. Powell, with Rev. W. S. Grim officiating.

The wedding was a very pretty affair as the home had been fittingly decorated for the occasion with white roses, sweet peas and potted plants. The centerpiece being a bell of ferns, under which the ceremony was performed. Only immediate relatives were present at the ceremony, but at its conclusion a reception was held by the young people, who were tendered the congratulations of their many friends.

Miss Kate Schroeder was bridesmaid, and Miss Ella Powell acted as maid of honor, while Mr. Benjamin I. Powell did duty as best man.

Mr. and Mrs. Schroeder left last evening for a short wedding tour, which will include Portland and the Willamette valley.

YOUNG CITIZEN DIES.

At 10:40 o'clock last night, Tobias Matt. Thorson, who has been ill for the past month, of complicated typhoid fever, at his rooms, No. 486 Commercial street, breathed his last. His malady was the result of exposure in the seining grounds.

Mr. Thorson was but 26 years of age and quite popular in the circle in which he moved. He leaves one younger brother to mourn his demise. Notice of the funeral will appear later.

BURTON FILES DEMURRER

Bill Brought by Grand Jury Attacked as Defective.

St. Louis, Sept. 20.—In the United States circuit court today, United States Senator Burton, of Kansas, charged with appearing before the postoffice department to prevent the issuance of a fraud order against the Rialto Grain & Securities company, of St. Louis, filed a demurrer, through his attorney against the new indictment returned against him since the supreme court nullified a former indictment on technical grounds. The objections urged in the demurrer set forth that the indictment fails to inform the accused of the nature and cause of the accusation, that there is no statement of fact constituting an offense against the federal laws, and that the allegations are partial and defective. The time for hearing arguments has not been set.

SEA WOLF LOSES POINT

Demurrer to Indictment for Seal Poaching Fails Utterly.

San Francisco, Sept. 20.—United States District Judge DeHaven has overruled the demurrer interposed against the indictments charging Robert J. Tyson, Alexander McLean, S. E. R. DeSmidt, W. J. Wood and W. J. Woodside with having conspired to commit an offense against the United States by outfitting a vessel for the purpose of poaching on the fur seal fisheries in Behring sea. Defendants were indicted in connection with the alleged poaching committed by the schooner Carmencita, a vessel sailing under the Mexican flag.

Are You Engaged?

Engaged people should remember that, after marriage, many quarrels can be avoided, by keeping their digestions in good condition with Electric Bitters. S. A. Brown of Bennettsville, S. C., says: "For years, my wife suffered intensely from dyspepsia, complicated with a torpid liver, until she lost her strength and vigor, and became a mere wreck of her former self. Then she tried Electric Bitters, which helped her at once, and finally made her entirely well. She is now strong and healthy." Chas. Rogers, druggist, sells and guarantees them, at

A BIT OF FORETHOUGHT.

Live Easterner Makes Happy Suggestion to Astoria.

Yesterday afternoon a well-known citizen of this city was engaged in conversation with an intelligent and up-to-date Easterner at the Hotel Occident and the topic of interest happened to be that of centennial celebrations, in the course of which the man from the East talked with specific knowledge of all great events of that sort, from the Centennial of Philadelphia, in 1876 down to the Lewis and Clark Exposition now on in Portland. He had visited every semi-national fair of the kind including those quoted, and inspired with an idea apropos of the matter at hand, remarked inquiringly:

"Have not you Astorians a centennial date of importance in the more or less near future?"

"Yes," replied the man of Astoria "the one-hundredth anniversary of the selection of the site, the founding of the colony, and the naming of it "Astoria" on April 15, 1811."

"Well, what on earth more do you want for a 'Centennial' predicate? You folks are going to stir in the matter, are you not? It is a wonderful bit of history and should not pass unobserved; and if you arrange any thing by way of celebration you may be sure we people back there will come out to enjoy it. Of course you won't expect very many of us, but you can count on the return here of a big percentage of those who have seen Astoria this year, and that will help to swell the crowd you ought to have from every state on the Pacific Slope."

The Astorian replied to the effect that nothing had been said or done in relation to it, as yet, but it was a theme on which the people of Astoria prided themselves heartily and justly, and that it would receive all the consideration due it.

There is a hint of value to this city in this conversation, and as Astoria is not entirely self-neglectful, the seed of forethought cast out by the long-headed visitor may grow to proportions best described as the best, biggest and most unique municipal celebration ever heard of.

And it is to be hoped that any centennial scheme of celebration in honor or behalf of the city, that may be formulated and carried out will include the supremely necessary factor of a modern.



OUR FALL GOODS

Are coming in thick and fast.

NEW SUITS,
NEW COATS FOR LADIES' MISSES
AND CHILDREN.
NEW SHIRT WAISTS GALORE.

All Kinds and Styles From

75c to \$3.95

NEW SILK SHIRT WAISTS.

We are ready for the Children's School Opening.

BOYS' SUITS.

BOYS' AND GIRLS' SHOES.

Remember Our "76" School Shoe, It Can't Be Beat for the Rainy Weather.

Children's School Caps in great variety. We have what you want at prices that are lower than ever.



FREE

A Watch, Guaranteed a Good Timekeeper will be Given **FREE** With Each Boys' Suit Bought From Us Between Now and Oct. 1st.

These Suits comprise all that is New and Stylish in Boys' Wear

Cheviots, Cassimeres, Plain and Fancy Worsteds

AT

Watch Free **\$2.50 to \$10.00 Suit** Watch Free

and a **WATCH FREE** with every Suit from now till October 1st.

A Stokes Suit means A Good Suit OR MONEY REFUNDED

P. A. STOKES

ample and beautiful hotel in which to house the thousands to come, nor would it be impolitic to make this the primary element of preparation.

SHOOTS FROM AMBUSH

Is Surprised When Sheriff Tells Him His Aim Was Bad.

Roseburg, Sept. 20.—While hiding in a thicket waiting for the approach of three men whom he had heard were hunting for his farm, Louis Cars; a hermit, shot several times at E. H. Mahn, B. Matthews and L. D. Carl, prominent residents of Roseburg. None of the shots took effect, yet they were shot with deadly intent and went dangerously near their mark.

Cars, when arrested, seemed to think that he had killed Mahn, against whom he had some kind of a grudge. He said: "I am willing to die now that that red-faced Mahn is dead." When the sheriff told him no one had been injured he would not believe it, saying that he had seen a light in Mahn's house all night and that his family were sitting up with deadly intent and went dangerously near their mark.

TODAY'S WEATHER.

Portland, Sept. 20.—Western Oregon: Thursday, increasing cloudiness followed by showers in the north portion. Cooler in the north portion, except near the coast.

Washington: Showers.
Eastern Oregon: Partly cloudy.

RUSSIAN CONVICTS REVOLT.

Orel, Russia, Sept. 20.—The prisoners in the government prison at this place revolted last night. Order was restored this evening by the police and troops. One prisoner was killed and five injured.

THE TELEGRAPH'S NEW RATE.

The swift steamer Telegraph leaves Callender dock, Astoria, daily, for Portland, except Friday, at 2 o'clock p. m., arriving in Portland at 8:30 p. m. A round trip fare of \$2.25 has been established for the next 60 days, going into effect today. No better way to observe the beauties of the Columbia river.

DEVERS' GOLDEN WEST

SPICES, COFFEE, TEA, BAKING POWDER, FLAVORING EXTRACTS
Absolute Purity, Finest Flavor, Greatest Strength, Reasonable Prices.
CLOSET & DEVERS
PORTLAND, OREGON.

Got Off Cheap.

He may well think, he has got off cheap, who, after having contracted constipation or indigestion, is still able to perfectly restore his health. Nothing will do this but Dr. King's New Life Pills. A quick, pleasant, and certain cure for headache, constipation etc. 25c at Chas. Rogers' drug store; guaranteed.

Accordion, Sunburst and Knife Pleating To Order

STEAM PROCESS.
No Hot Irons. No Burning of Goods.
Miss O. Gould
Eighth Floor, Marquam Building.
PORTLAND.
Prompt and Careful Attention Given to all Out-of-Town Orders.

The Astoria Restaurant.

GOOD, CLEAN MEALS
EXCELLENT SERVICE
OPEN ALL NIGHT
399 Bond St., cor. Ninth

Hats Trimmed, Hats Cleaned, Feathers Curled Free of Charge.

Mrs. R. Ingleton has opened a nice line of Ladies' and Children's Fall and Winter Hats.

Mrs. R. Ingleton
WELCH BLOCK, Opposite Budget Office.

THE Foard & Stokes Co.

School Outfit Free

With every four pairs of Buster Brown Stockings you buy for ten days we give absolutely free 1 Scholar's Companion, 1 Ruler, 1 rubber Eraser, 1 lead pencil, 1 pen holder, and 1 tablet of paper. A complete outfit for school use.

In addition to the above, we give you a ticket showing you have made the purchase, this ticket presented at our hosiery counter at any time during the first school session entitles you to your needs in school of all your stationary, pencils, etc., without any additional purchase or cost to you.

Parents should realize the saving this means to them for an entire season.
Buster Brown stockings are the best by test.

25c per pair

We are showing a complete line of Cotton and Wool Dress Goods in patterns best adapted to school use at very attractive prices. Every mother who practices economy should inspect the values we are offering at from

13c to 29c the yard

School Umbrellas, each - - - 45c
Boys' and Girls' Underwear, Cotton, the Garment - - - 25c
Boys' and Girls' Underwear, Wool, the Garment - - - 50c
Boys' and Girls' School Caps 35c and up

THE FOARD & STOKES CO.
Astoria's Greatest Store