

BIG INCREASE IN SHIPPING

**TRAFFIC OVER COQUILLE BAR
THIS YEAR PROMISES TO EX-
CEED EIGHTY THOUSAND
TONS.**

The Bandon Recorder says: "The constant growing importance of the Coquille river as a seaport is evidenced by the fact that the 1908 tonnage exceeded that of 1907 by a good round sum, and the increase for the first three months of 1909 has been more than correspondingly great, over the same period of 1908. During the year 1907 the tonnage coming into this port was 5,770 tons, and going out was 54,734, making a total of 60,504 tons. For 1908 the incoming freight increased to 6,020 tons, the outgoing amounted to 62,306, making a total of 68,326.

"For the first three months of 1909 the in freight has amounted to 2,036 while the out freight has been 17,268 tons, making a total of 19,304 tons.

"If the above rate is kept up for the year, it will bring the tonnage up close to the 80,000 mark, for 1909, and there is every reason to believe that these figures will be exceeded.

WHEAT STILL HIGH.

**May Option Sells at \$1.26 1/4 In Chi-
cago Today.**

(By Associated Press.)
CHICAGO, April 12. — May wheat, \$1.26 1/4; July, \$1.16 1/4; September, \$1.08 1/4; December, \$1.07 1/4.

(By Associated Press.)
TACOMA, April 12. — Milling Bluestem wheat, \$1.25 to \$1.30; Export Bluestem, \$1.20; Club, \$1.10; Red, \$1.06.

(By Associated Press.)
PORTLAND, Ore., April 12. — Track prices: Club wheat, \$1.12; Bluestem, \$1.20 to \$1.25; Turkey Red, \$1.15; Red Russian, \$1.10; Valley, \$1.10.

BRIEFS OF BANDON.

**News of City-By-The-Sea As Told By
The Recorder.**

Twin boys were born to Mr. and Mrs. E. C. Drosch. Wednesday of last week, but one of the little fellows lived only about three hours. The other one is doing nicely.

A business deal was consummated in Bandon the first of the week, whereby Cumerlth-Christensen Co. bought the A. J. Hartman stock of general merchandise and the work of invoicing is now going on.

Capt. O. Wren of the Lighthouse announces that the rainfall for the month of March 1909, was 5.19 inches, days clear eight, days cloudy and rainy 23. The rainfall for the corresponding month last year was 2.28 inches.

A very quiet wedding was solemnized at the Presbyterian parsonage Sunday at 1 p. m., when Mr. Lawrence Stitt and Miss Edna Perkins were united in the holy bonds of matrimony. Rev. Geo. H. Roach, officiating. There were no guests present, and immediately after the ceremony, the happy couple drove out to the home of the bride's parents, Mr. and Mrs. F. N. Perkins, where an elaborate dinner was served.

Read The Times want ads.

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An entire house, a single room or supply you with odd pieces of furniture. We carry everything that a first-class furniture store should, and the goods are right up-to-date.

If you are about to furnish a house or room, just step in here and look at our stock and give us a chance to quote you prices.

Goods delivered free any place in town.

C. A. JOHNSON

FURNITURE STORE,
NORTH FRONT STREET,
MARSHFIELD, OREGON

BUILD BOATS ON COQUILLE

**McKAY SHIPYARDS NEAR BAN-
DON FIGURING ON CONSTRU-
TION OF TWO LARGE CRAFTS
IN THE NEAR FUTURE.**

The Bandon Recorder says: "Wm. McKay has about closed the contract for building a gasoline boat for C. H. Deane & Co. of Warrenton, Ore. The boat will be 95 feet over all with a 24-foot beam, and will be equipped with two 100 horse-power engines. She will ply between Astoria, Umpqua, Tillamook, Nehalem and other coast points.

Mr. McKay is also figuring on a barge 110 feet long with a carrying capacity of 200,000 feet, for the Estabrook Co. to carry lumber from up-river points so their boats can finish loading or the dock here. He is also repairing the Favorite for the Coquille River Transportation Company."

**MACHINE MILKING
PROVES SUCCESSFUL**

Editor Times:—

Tests of machine milking covering 20 months with 29 cows, embracing 40 separate trials made by the Wisconsin Experiment Station, Madison, Wis., reported in Bulletin No. 173, indicate that machine milking is worthy of consideration for herds of 20 cows or more, providing the machine is cared for by an efficient operator. These tests, in charge of Professor F. W. Woll and G. C. Humphrey, were planned to determine the efficiency, economy and the effect of the machine upon the cow. The vacuum machine was used. Cows were milked continually by machine for periods of 4 to 62 weeks, or an average of 26 weeks.

The effect and efficiency of machine-milking on the cows was in general beneficial, most of the cows standing well and showing little shrinkage on changing from hand to machine milking. Comparison with preceding periods of hand-milking for the same cows showed practically the same average production. Stripping by hand after machine milking was found necessary in most cases.

About 5 minutes for each cow is saved where four cows are milked at once, and more time when one man operates three machines milking six cows at one time. The cost of operating two machines by electric motor was about four cents an hour.

The bacteriological examinations showed that the germ content was slightly decreased and the keeping quality of the milk was somewhat improved by machine milking. Veterinary examinations showed no appreciable effect on the udders or the general health of the cows as a result of machine milking.

Experience of dairy farmers covering periods from one month to over two years indicated that a majority of them are favorable to the machine. Twenty-seven reported favorably, eight were undecided, and six were unfavorable.

In the above tests twenty-nine different cows were included in the experiments. These were machine-milked for periods ranging from four to seventy-six weeks, eleven cows being machine-milked during two different lactation periods. The cows on the experiments have been in milk from 300 to 412 days at the beginning of the trials, the average number of days from calving at that time being 114. Nineteen cows were within two months from calving when placed on the experiments, and eight had been milked more than 200 days. We have therefore represented in these trials a considerable range as to stage of the lactation periods of the cows, as well as other factors, like age, breed, and live weight of the different cows. It follows from this that the experiments were conducted under greatly varying conditions as to disposition or temperament of the cows, quality of teats and udder, and other factors that would influence the efficiency of the milking machine.

Milking machines have now been tested by nearly every experiment station in the country, and not one of them has made a failure. The consensus of opinion is that milking machines are a success if in the right hands. It seems to depend upon the man and the one who fails with milking machines is in a posi-

DISCOVERY IS VALUABLE ONE

(Continued from page 1.)

made it unnecessary for lumbering industries to look to any of the by-products in order to earn their dividends. As a natural consequence no pitch has been produced in the north.

"This work commenced several years ago with the object of studying the northern turpentine problem from the industrial standpoint, and especially with the idea of comparing the products of these hitherto unknown species with those of the south from the chemical point of view."

Results of Experiments.

"Results of Dr. Frankforter's experiments with the wood of the Norway pine are then stated.

"The so-called Norway pine is one of the two great lumbering species of the northwestern states. The white pine, the other species, is preferable for lumber on account of the resin it contains, but the Norway pine is sought after because the trees are larger. Frequently trees are found so full of pitch that their lumber can be used only for limited purposes. It has been found that during the winter months, when the lumbering firms fell most of their lumber, the pitch is largely in the lower part of the trunk and in the roots. To extract this has been the prime objects of the following experiments. Through the kindness of the Weyerhaeuser Lumber Company, the writer was able to obtain a quantity of water pitch, just as it came from the trees by the old boxing process. This, and the pitch obtained from stumps and other waste material, have been examined. The pitch from stumps was recovered by extraction steam distillation, and by slow process distillation. The wood upon which the experiments were made averaged the following amounts of pitch: Lean wood, 6.2 per cent; average wood, 8.6 per cent; stumps 19.4 per cent; pitchy wood, 39.1 per cent; very pitchy wood, 42.6 per cent.

"The Douglas fir is to the western states what the Norway pine is to the northern states. The species is especially interesting on account of the enormous size to which it attains, and on account of the wide variation in the amount of five determinations with each of the samples given below gave the following results: Very lean wood, 11.6 per cent of pitch; lean wood, 13.5 per cent; medium wood, 19.8 per cent; rich wood, 40.7 per cent; very rich wood, 42.4 per cent."

Process Patented.

"The process by which the pitch, turpentine and resin are removed, and a pulp of high grade retained has been patented by Dr. Frankforter in the United States and Canada. In the chemical laboratories at the state university, Dr. Frankforter has samples of the Norway pine wood in every stage of its transformation, from the heavy, pitchy blocks, just blasted from the stumps, to the fibers of yellow pulp; which can be washed to whiteness.

"The process by which the wood is reduced to pulp and separated from the turpentine and resinous material is much cheaper and simpler than the process now employed in paper manufacture, according to Dr. Frankforter. The wood is first cut into small particles as sawdust, shavings, excelsior or chips. The wood may be cheaply reduced to any of these states by running it through a machine, known in sawmill parlance as the 'hog.' When ready for the treatment the wood is placed in a suitable containing vessel, or extraction chamber, where it is subjected to the action of one of the carbon compounds such as ether, petroleum ether, or carbon disulphide, which have the property of dissolving and holding in solution the turpentine and resinous materials.

Solvent Liquid Drawn Off.

"The solvent liquid charged with the turpentine and resin is drawn off from the wood into a vessel called the boiler. By a low boiling temperature the turpentine and resin are deposited in the boiler, from which they may be drawn off. Parts of the solution which remain in the extraction chamber are drawn off by a reclaiming fluid and the wood fiber remains as pulp, which can be used where he should realize that he has failed in something in which others win. M. D. S.

washed by caustic soda to whiteness. "The apparatus, on which Dr. Frankforter has another patent, includes a large steel horizontal tank, called the boiler, fitted with an outlet at the bottom and provided with a faucet and safety valve at the top. Located above the boiler which contains a carbon compound, are many so-called extraction chambers, which are adapted to contain wood or resinous containing material. These chambers are upright metal drums provided with detachable bottoms and removable upper caps. Vapor delivery tubes connect the tops of the extraction chambers and return pipes connect the bottoms.

"The material in the boiler may be heated by a coil of pipes containing steam, which causes it to vaporize, rise through the pipes provided, and trickle back on the wood which is being treated. The economy of the process consists in the fact that any number of the extracting chambers may be arranged over the source of heat. All materials used in the process are conserved and may be used any number of times."

REAL ESTATE TRANSFERS

**Daily Real Estate Report Furnished
By Title Guarantee and Abstract
Co. Henry Sengstacken.**

April 1, 1909.

Victor Fredrickson et ux, to Otto Fredrickson; deed. Half-interest of NW 1/4 of SE 1/4 and SW 1/4 of NE 1/4 and lots 2, 3 and 4, sec 35, twp 26, R 14. Consideration, \$10.

Victor Fredrickson et ux, to Otto Fredrickson; deed. Half of SW 1/4 of SE 1/4 and SE 1/4 of SW 1/4, sec 35, twp 26, R 14. Consideration, \$10.

April 2, 1909.

Geo. J. Schaefer et ux, to John Lawson; deed. Lots 10, 11 and 12, blk 13, Schaefer's addition to Central Place. Consideration, \$475.

H. Sengstacken et ux, to P. M. Tully; deed. Lots 6, 7, 8 and 9, blk 8, Coos Bay Plat B. Consideration, \$218.

Chas. L. Bonebrake et ux, to R. L. Edmonston; deed. SE 1/4 of SE 1/4, sec 1, twp 26, R 13. Consideration, \$1.00.

April 3, 1909.

U. S. of A. to Peter Peterson; patent. Lot 3, sec 23 and lot 4, sec 24, twp 24, R 13.

State of Oregon, to Peter Peterson; deed. Parcel of land beginning 4.75 chs N of 1/4 corner between secs 24 and 25, twp 24, R 13, containing 3.22 acres of tide land. Consideration, \$10.

E. T. Coffelt et ux, to T. V. Johnson; deed. Lots 14 and 15, blk 53, East. Marshfield. Consideration, \$10.

W. C. Harris et ux, to A. F. Masters; deed. Lot 4 and E 1/2 of lot 2, blk 1, Sumner. Consideration, \$1,000.

Belt Line Railway Co., to J. L. Gillespie; deed. Lots 1 and 2, blk 14, Coos Bay Plat E. Consideration, \$1.00.

L. D. Kinney et ux, to J. L. Gillespie; deed. Lots 1 and 2, blk 14, Coos Bay Plat E. Consideration, \$200.

Crawford Point Land Co., to John Olson; deed. Lots 3 and 4, blk 1, Crawford Point Addition to Coos Bay. Consideration, \$10.

April 5, 1909.

U. S. of A. to Mary L. Taber; patent. Lots 6, 7 and 8, sec 30, twp 24, R 10.

Emma Nasburg, to H. Sengstacken; deed. Part of blk 37, Nasburg's addition to Marshfield. Consideration, \$16.

James Baines et al, to W. U. Douglas; deed. 1-8 interest of blks 11 and 42, Railroad addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

W. U. Douglas et ux, to James Baines; deed. 1-8 interest of blks 11 and 42, Railroad addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to Charlotte Helen Baines Flanagan; deed. 1-8 interest of blks 11 and 42, Railroad addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to Thos. H. Baines; deed. 1-8 interest of blks 11 and 42, Railroad addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to Sarah Baines; deed. 1-8 interest of blks 11 and 42, Railroad Addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13.

James Baines et al, to Rose Baines LaTorres; deed. 1-8 interest of blks 11 and 42, Railroad Addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to Henry A. Baines; deed. 1-8 interest of blks 11 and 42, Railroad Addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to George A. Baines; deed. 1-8 interest of blks 11 and 42, Railroad Addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

James Baines et al, to Charles Baines; deed. 1-8 interest of blks 11 and 42, Railroad Addition to Marshfield. 1-16 interest of lot 12, NE 1/4 of SE 1/4 and S 1/2 of SE 1/4, sec 18, twp 25, R 10. 1-16 interest of W 1/2, sec 29 and SE 1/4 and W 1/2, sec 30, twp 29, R 13. Consideration, \$1.00.

Paul Betty to Elmer R. Hale; deed. Lot 5, blk 2, sub. Blk A, Sengstacken Addition to Marshfield. Consideration, \$10.

Edna M. Hale and hus, to Paul Betty; deed. Lot 3, blk 2, sub. of Blk A, Sengstacken Addition to Marshfield. Consideration, \$10.

Edgar T. Coffelt et ux, to J. T. Harrigan; deed. NW 1/4 of SW 1/4 and S 1/2 of NW 1/4, sec 20 and SE 1/4 of NW 1/4, sec 19, twp 25, R 11. Consideration, \$10.

April 7, 1909.

Arthur Selander, to John Olson; deed. Lots 14, 15 and 16, blk 47, Coos Bay. Consideration, \$120.

F. P. Norton et ux, to Ward Blake; deed. S 1/2 of lots 1 and 2, blk 13, South Marshfield. Consideration, \$10.

Merchant Land Co., to Effie A. Tuttle; deed. Lots 5 and 6, blk 44, Railroad Addition to Marshfield. Consideration, \$400.

Lorenz Vogel, to Mathias Vogel et al; deed. 1-3 interest of NW 1/4, sec 33, twp 25, R 12. Consideration, \$1.00.

April 8, 1909.

H. H. Wescott et ux, to R. L. Edmonston; deed. 1-3 interest of blks 1, 3, 9, 10, 11 and 20; lots 7 to 12, blk 14; lots 7 and 13 to 16, blk 19; lots 1 to 15, blk 21, Edmonston's Second Addition to Marshfield. Consideration \$10.

H. H. Wescott et ux, to Eli Metcalf; deed. 1-3 interest of blks 7, 8, 15, 16, 17 and 18; lots 1 to 6 and 19 to 24, blk 14; lots 1 to 6 and 17 to 24, blk 19. Edmonstons Second Addition to Marshfield. Consideration, \$10.

Eli Metcalf to R. L. Edmonston; deed. 1-3 interest of blks 1, 3, 9, 10, 11 and 20; N 1/2 blk 21 and lots 7 to 12, blk 14 and lots 7 and 13 to 16, blk 19. Edmonstons Second Addition to Marshfield. Consideration, \$10.

AEROGRAM.

DALLAS, Tex., Apr. 1, 1909 via Seattle, Wash.

O. L. Hopson, Marshfield, Ore.:

Account the very large business that is developing on and around Great Lakes that we have not anticipated or expected and the large increased foreign demand coupled with the recent contracts covering the China Empire. I shall on my return to New York call the executive board together to consider a further advance in the price of stock to take effect at once or not later than May 1st. I feel the committee would be justified in advancing to fifty.

C. C. WILSON,
President Wireless Telegraph Co.

Mrs. A. M. White

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Notice

Why not cut down your light bills when you can buy a lamp that will give you better light at half of what you pay now?

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YOU say that the TUNGSTEN is too expensive. I agree with you, partially. WHY? YES WHY? Because the TUNGSTEN LAMP has proven itself in every way to be superior to all other makes.

Again, I ask why? Because this lamp has saved those, that have bought them, over one half what they paid for service. Of course the TUNGSTEN is a delicate article and can't be handled roughly, yet you can handle the 40-watt lamp on a chord drop, and socket switch, by taking hold of the bottom of the same, while turning on light and off. But in order to be on the safe side I would advise that they would be handled from a wall switch, then you would get a long-life lamp.

You better let me put a couple in your home, and see how much better service and see if just two won't lessen your a bill a foot, or so. YOU won't regret it.

The TUNGSTEN LAMPS cost more to get them, than the old ones, but I say that the cost of the TUNGSTEN is nothing, compared to what you have to pay for service and the big saving made in your bills.

Chas. W. Merchant

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