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DEATH OF RILEY HALE LEFT MANY TO MOURN

(Journal Special Service.) Gresham, Or., Jan. 16.—Riley Hale, a resident of Powell's Valley, died of pneumonia on Tuesday, January 13, at the age of 74 years 6 months. His wife had died but 2 1/2 months before. Eight children, 29 grandchildren and 10 great-grandchildren are living to mourn their loss.

The children living are: J. T. Hale of Idaho; William Hale, Sydney, Ind.; Silas Hale, Pleasant Home, Or.; Mrs. Eliza Shemsted, Michigan; George Hale, Powell's Valley; Mrs. Nancy Warner, Sydney, Ind.; Henry Hale, Powell's Valley, and a married daughter in Michigan.

Mr. Hale was born in Ohio, July 3, 1829. He moved to Indiana in boyhood, where he married and reared his family. Eighteen years ago he came to Oregon, settling in Powell's Valley 16 miles east of Portland.

The funeral services were conducted by Rev. C. A. Nutley at the Swedish Lutheran church, near Mr. Hale's home, on Thursday, January 14. A large concourse of friends and neighbors were present, giving evidence of their high esteem for the deceased and sympathy for the relatives.

Musicians' Mutual Association, Local No. 99, A. F. of L.

The attention of local players not members of this association is called to the fact that after Tuesday, February 2, 1904, the membership fee will be raised to \$20.00, present fee \$15.00. C. L. Brown, secretary, 128 Sixth street.

BUILDING PERMITS SHOWING A GAIN

TOTAL AMOUNT ISSUED DURING FIRST FIVE DAYS OF WEEK IS \$81,100, AS AGAINST \$77,404 THE PREVIOUS WEEK — RESULT A SURPRISE TO DEALERS.

Table with 2 columns: Permits, Transfers. Rows for Monday, Tuesday, Wednesday, Thursday, Friday, and Total for 5 days.

Gain this week... \$3,696. Loss this week... \$ 1,952. "Probably the city was so excited that no one cared to buy real estate this week," says a dealer. This week the total realty sales amounted to \$124,448, while those of the five days of the preceding week amounted to \$125,900. This resulted in a loss of \$1,452 for this week's business—a result not so bad, say the real estate men, when the fact that Portland this week really gave up all business and attended to entertaining the delegates to the various conventions. One good result of the holding of the convention in this city, say the real estate men, is that the inquiries for property from this quarter were very large, and many of the delegates want to keep posted on Portland in the future. Just at this time there is considerable inquiry for suburban property. This call comes from people who want to own their own homes and not for speculation.

A Gain in Building. The total building permits issued for the first five days of this week amounted to \$81,100, as against \$77,404, a very comfortable showing, considering that this is the middle of the winter season, when everything is expected to be dull. Building men expect a smaller amount of permits to be issued during January and February, and they are more than gratified and surprised that the total should show a gain instead of a loss.

During the week Joseph N. Teal took out a permit for the construction of a three-story brick building at Thirteenth and Hoyt streets, which is estimated to cost about \$2,000. The new independent cracker company took out a permit for the construction of its new 3 1/2-story building on the corner of East Third and East Davis streets, which is estimated to cost about \$16,000.

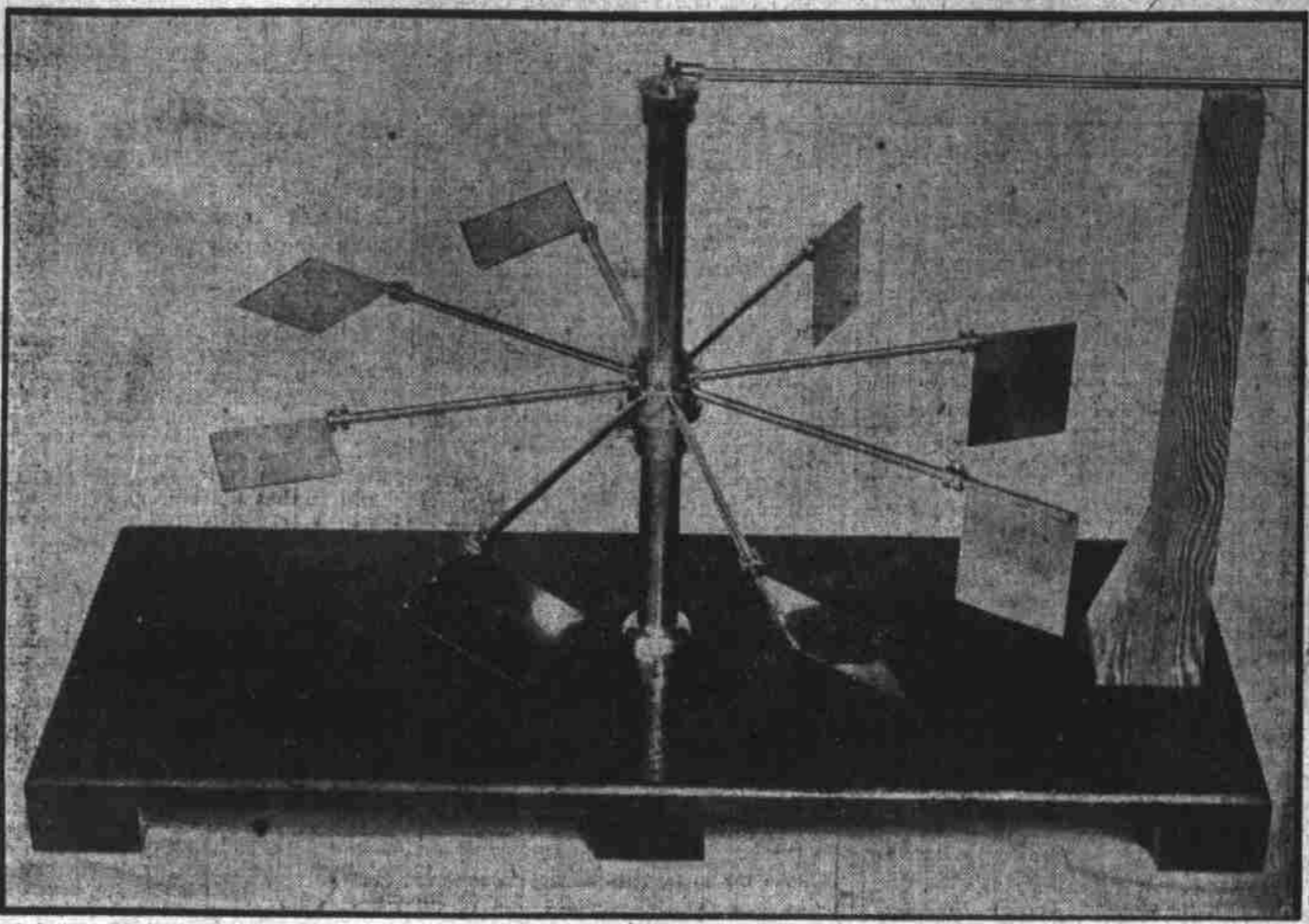
The German Savings and Loan society made the largest deal in realty this week by its sale of lot 5, block 4, city, to Fred S. Morris of the Oregon Water Power & Railway company for \$40,000.

DIED IN AGONY FROM CARBOLIC ACID BURNS

(Journal Special Service.) Seattle, Jan. 15.—H. Morgan, 35 years old, a pharmacist in Guy's drug store laboratory, was burned to death by carbolic acid last evening. He spilled a gallon bottle in taking it from a shelf and deluged his face and body, rendering agony which left him speechless after the first outcry. He lived but 15 minutes. His parents reside in Montreal.

It is so easy to take Piso's Cure for a cough and be relieved and cured. Etc.

THE WHITE WATER MOTOR, DR. L. L. WHITE, INVENTOR



TILTED FORWARD, THE MORE READILY TO SHOW THE FANS, OR PADDLES.

These illustrations picture a water motor intended to be operated by river currents and to be employed in irrigating the vast areas of arable land tributary to the Columbia, Snake, Spokane and other rivers and streams of the western and southwestern regions of the United States. In fact, if the motor proves successful, the inventor has little conception of its great usefulness to the world, because it will find a ready market throughout all Christendom, where irrigation is necessary.

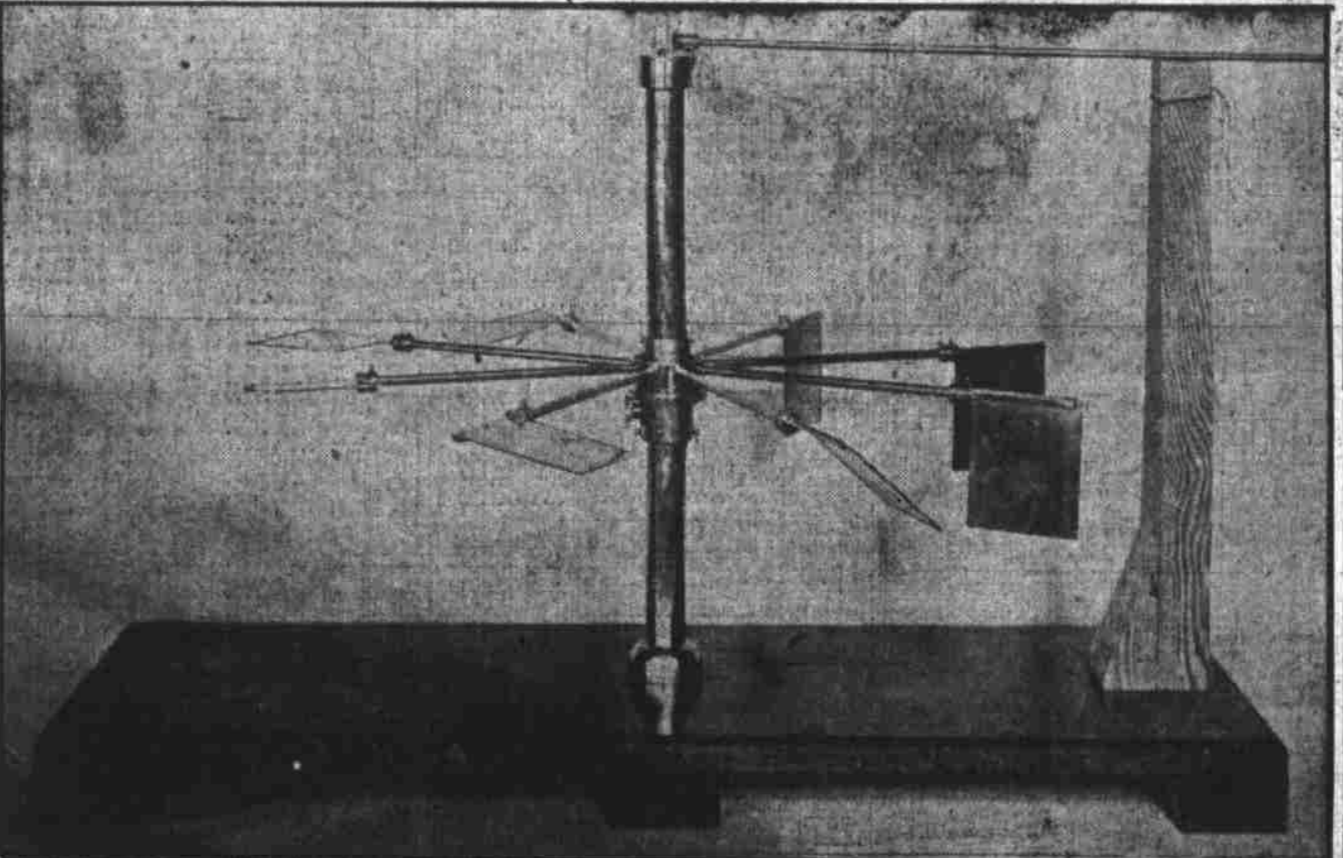
Doctor White, the inventor, is the manager of the Albatross Dental Parlors, First and Morrison, and is a genius in the inventive world. A number of years ago he invented the White gold crowns for decayed teeth. These crowns are

being of whatever capacity is necessary to irrigate the areas desired to be watered.

As will be seen, the fans, or paddles, are so constructed that they drop to a perpendicular position when they come to the place where the force of the current is upon them, then horizontally travel up the stream to be ready for the propelling force again. Four paddles are always in commission, and the full strength of these are every instant at the service of the pump. The feasibility of the motor is, therefore, at once apparent, the only question of a practical character remaining being that of its horse power, or strength. Through the agency of government publications, and actual tests of the model in the river, it has been ascertained that with paddles three by six feet, and a current

and a motor with paddles six by 12 feet ought to be of sufficient strength to lift a volume of fluid that would irrigate several thousand acres. All this is conjecture, however, and does not greatly concern the inventor. His chief ambition is to organize a company for the manufacture of the motors, place a few of them in actual operation, show the world that they will accomplish exactly what is expected of them, and then make such further disposition of the patent or machines as may suggest itself when this much has been accomplished.

The cost of manufacture will be an interesting thought to those whose attention has been herewith called to this new invention. It will readily be understood that it cannot be very great, because no complicated machinery is necessary. If it should be as much as \$500



PERPENDICULAR, AS THE MOTOR WILL APPEAR WHEN PLANTED IN THE RIVER

now in use in all the first-class dental parlors of the world. Schemers managed to secure control of the company that manufactured them, the result being that Dr. White was eventually "frozen out" so to speak, and the owners of the patent are growing rich by reason of their control of the fruits of his patience and inventive skill.

Two cuts of the motor were made, as seen above, so that the shape of the fans or paddles might be clearly shown. The upper illustration shows the model tilted forward, as it stands upon the photographic table, the lower one as it will be planted in the river ready for work. The pump, which is intended to elevate the water to any desired height, will be attached to the post shown at the left of the picture. The horizontal bar shown will operate the pump, the water tank

of 2 1/2 miles per hour, the motor would pump 1,800 gallons per hour. This capacity would be increased, of course, by increase in the size of the paddles, but to what extent this might be carried is not, of course, definitely decided. But a motor that would pump 48,000 gallons of water each 24 hours would irrigate considerable of a farm, and make valuable a tremendous number of acres of land, rich in productiveness if water could only be put upon it. Indeed, if this motor proves the magnificent success that is predicted for it, it will transform millions of acres of barren wastes into gardens of exceeding fertility.

It will be wonderful power that will come upon one of these paddles when the current of the river strikes it squarely. The force would be almost irresistible.

each—if it should cost that sum to plant each motor, which it probably will not, even then the expense will amount to nothing. (This is not the question being considered now. If it does its work the matter of cost is of little moment. Water would add millions of dollars to the taxable property of Oregon. It would add other millions to the wealth of Oregon's citizens. The motor in successful operation would be worth almost untold riches to the persons who controlled it. And now would seem to be a financial opportunity to get in on the ground floor.)

A machine like this one seems sure to work a revolution in Oregon agriculture in certain districts. If successful, that revolution will be carried to a greater part of the region west of the Rocky mountains.

WHO, AND WHAT THE NEW OFFICERS ARE

Frank J. Hagenbarth, the new president of the National Livestock association, is a member of the Wood Livestock company, operating sheep and cattle ranges in Idaho, Montana and in Old Mexico. Mr. Hagenbarth is 35 years of age and has been engaged in the stock business for 15 years. He was born in the little mining town of Leesburg, Ida., and is the stepson of J. D. Wood, member of the executive board of the National Livestock association. He received his education in the schools of Salt Lake City and at Notre Dame, Ind. At the age of 20 he went to work on his stepfather's ranch in Idaho. He was married six years ago to Miss May Brown, of Dillon, Mont. The Wood Livestock company consists of Mr. Wood and his two stepsons. If incorporated a few years ago, as Mr. Wood, "in order to protect the stock interests in case I should drop off. We necessarily require a large number of foremen and whenever we find a good man we give him stock in the company and thus protect our interests by having loyal men who are interested financially in the success of the concern."

Charles F. Martin, for the eighth time re-elected secretary of the National Livestock association, is a resident of Denver, Colo. He was born in Shelby county, Ky., in 1852. He began his career as a civil engineer in the employ of the Burlington railway. In 1876 he came west to Colorado and worked on the construction of the Santa Fe. He afterwards engaged in the sheep business and for a number of years was western correspondent for the New York Herald. Later he was appointed agent for the Associated Press and held

this position until compelled to retire on account of failing health. He has been secretary of the National Livestock association since its organization.

H. A. Castro of Bakerfield, Cal., first vice-president of the association, is manager of the Kern County Land & Cattle company, the largest concern of its kind in the world. The firm owns lands and herds from Oregon to old Mexico.

The second vice-president, Frank M. Stewart, of Buffalo Gap, S. D., is secretary of the Western South Dakota Cattle Growers' association. He has been prominently identified with the national association for several years.

G. L. Goulding, the treasurer, is a resident of Denver, Colo., and is manager of the City Stock Yards. He has been engaged in the breeding of fine stock for a number of years both in Colorado and Missouri.

WEATHER RECORDS OF UNITED STATES

DICTIONARY OF SUCH INFORMATION NOW BEING PREPARED BY OFFICE OF WEATHER BUREAU—CONTAINS REPORTS FROM EVERY STATE AND TERRITORY.

District Forecaster Bfals is in receipt of a communication from Prof. Willis L. Moore, chief of the weather bureau, stating that he is having prepared for publication a climatological dictionary of the United States. It will include a brief article on the physical features of each state and territory, and the influences which they exert upon the climate. The usual tabulated matter showing extremes of heat and cold, the rainfall, frequency of destructive frosts,

each—if it should cost that sum to plant each motor, which it probably will not, even then the expense will amount to nothing. (This is not the question being considered now. If it does its work the matter of cost is of little moment. Water would add millions of dollars to the taxable property of Oregon. It would add other millions to the wealth of Oregon's citizens. The motor in successful operation would be worth almost untold riches to the persons who controlled it. And now would seem to be a financial opportunity to get in on the ground floor.)

Journal friends and readers, when traveling on trains to and from Portland, should ask news agents for The Journal and insist upon being supplied with this paper, reporting all failures in obtaining it to the office of publication, addressing The Journal, Portland, Or.

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Our Parlors Are Being Remodeled. They will be worthy of a king when the work is done. The Alba Dentists Southeast Corner of First and Morrison. Telephone, Main 2796.

SILENT FOURTH WOULD CAUSE LOSS. "Fireworks or no fireworks?" was the question which the city council health and police committee thrashed over yesterday. Dealers who had \$50,000 worth of explosives en route for the coming Fourth of July celebration were present and made a powerful argument against the proposed restriction. They engaged Attorney W. M. Davis to represent their claims. It was decided to lay the matter over for further investigation.

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