

An Added Feature  
.....Tonight

# Magnificent Fireworks Display

AT

# THE OAKS

On a Special Float on the Willamette River.

Comfortable Accommodations For All Who Will Attend.

Next Tuesday Night, Aug. 25

A Competitive Prize Waltz

For the Best Lady and Gentleman Waltzers in Our Beautiful Dancing Pavilion.

Prizes Awarded by a Committee Selected From the Audience.

And This For the Benefit of the Children

Next Thursday Afternoon, August 27, the second of the Series of GRAND PRIZE DANCES.

Complete Change of Programme Tonight by D'Urbano's Royal Italian Band. All our Thermometers Yesterday Registered 66 Degrees. Try a ride on the O. W. P. & Ry. Co's Cars—5c. ADMISSION TO GROUNDS—10c.

COMING! { PAIN'S SPECTACLE, "LAST DAYS OF POMPEII" } COMING!  
AND A GREAT DRAMATIC FESTIVAL.

## HILL TRYING FOR PORTLAND LINE

Great Northern Said to Be Behind Columbia River & Northern Company.

## MEETS OPPOSITION IN THE BERRY BELT

Owners of Lands in Western Klickitat County Object to Road Cutting Through Their Holdings and Ask Big Price Per Acre.

(Special Dispatch to The Journal.) Hood River, Or., July 20.—In Jim Hill's maneuvering to enter the heart of Harman's territory in Oregon? After sparring for some time, the Columbia River & Northern company, which is now paying cash for rights of way down the north bank of the Columbia, has tipped it off that Jim Hill is behind the move, and that it is to be a transcontinental line into Portland that will give direct competition with the Oregon Railroad & Navigation company from sea to sea.

From Bend comes the report that President Heinrich of the Great Southern, now building from The Dalles to Dufur, contemplates extending his road to the metropolis of northern Oregon, and that the Great Southern is a Jim Hill enterprise. A locomotive engineer, after examining the new rolling stock of the Great Southern, remarked: "If that equipment didn't come from the Great Northern shops I don't know anything about such matters. It certainly is Great Northern, and the Great Southern is a Jim Hill enterprise. I tell you Jim Hill means to come down the Columbia river with the Northern Pacific, and he means to get into Central Oregon."

A. R. Upright, right of way man for the Columbia River & Northern company, has been at White Salmon all week closing up on the options made since May 1. The old survey of the Columbia Valley railroad has been followed and a clear right of way has been secured out of Kennecott from Castle Rock to Major creek, this side of Lyle.

It is in the berry belt in western Klickitat county where difficulties are encountered with the land-owners. From White Salmon to Vancouver there is a clear stretch, with the single exception of an orchard in Clarke county. The deeds have been sent to French & Co. of The Dalles, and if the abstracts are flawless, the money is ready.

Settlement has been made with a number of the White Salmon berry-

## DOINGS IN RABBITVILLE

Correspondence of the Irrigon Irrigator. Rabbitville, Morrow County, Or., July 18.—We had a horse race here on the 4th after I had written my letter. Deacon Hardup but \$ dollars that his nag Jumbo could beat major Fairplay's pug Nansey Ann for a half mile, and the deacon and the major put up their 12 bucks into old man Bunko's hands, who was to be the empire. Well a big crowd was out and they started and it was nip and tuck for about a 3/4 of a mile when the deacon hit Nansey Ann a belt over the nose with his whip; then the major hit the deacon and they both fell out and began to sit and the crowd rushed up but before they got there the major hollered enuff and they said they'd all the race a draw. Then they set Bunko for the 13, but he had spent it at the drug store for booze. You ought to see Bunko now. He is a site for the deacon and the major took about 24 dollars worth out of his hide.

Our butcher shop has sold out to the City Drug Store and the butcher has left town. Our druggist is bound to keep everything touchin' on and appertainin' to the drug business.

Some chap walked into town last Friday and peddled some cirklers around sayin' he would deliver a temperance lecture that night. A big crowd turned out. The fellow gave a dandy lecture. Six or seven of our fellers sined the pledge. Pat Gilligan, who works on a sheep ranch out lone way, sined. Next morning I met Pat in the City Drug Store and I says Pat what will you take? Pat says whiskey. He put about four fingers inside of himself and I says I thought you was a son of temperance and he says I am a son of temperance and a good Templar and a teetotaler, but I ain't a bigoted wan.

growers on a basis of \$500 an acre, but growers with holdings of only four and five acres, realize that if the road goes through their property it will render it practically unfit for farming, and are asking \$2,000 an acre. R. C. Zeigler, whose four acres have netted him slightly more than \$1,800 each season for the last three years on berries and tomatoes, and who has a \$3,000 residence on the line of the proposed road, wants to sell outright for \$7,500. C. F. Adams wants \$5,000. A. R. Byrkeff doesn't care whether the road is built or not, and wants \$15,000.

N. W. Bethel, the chief engineer and general manager, who has been at White Salmon with Mr. Upright with corps Salomon looking the survey over, and trying to find a way around the expensive lands, is noncommittal, but it is understood that in all cases where settlements cannot be made at a figure the railroad people deem fair and just, condemnation proceedings will be inaugurated.

LIVESTOCK EXCHANGE HOLDS ANNUAL MEET (Journal Special Service.) Buffalo, N. Y., July 20.—The annual convention of the National Live Stock exchange began a three days' session in this city today. Delegates were on hand from Chicago, Indianapolis, Cincinnati, Kansas City, Omaha, Milwaukee, St. Joseph and numerous other cities. During the morning an executive session of the exchange was held, the formal open sessions of the convention not beginning until afternoon.

About ten \$0 Sunday nite we was passin' St Butterbottom's and some fellow had a strange bolt on St's oldest girl crost the front gate. We didn't bust it up. We wate to take that bolt once our own self.

We may have a weddin' in Rabbitville pretty soon. We mention no names for the maid is a shy young thing and might fly the track. She 'fesses up to 24 but it is our opinyun she's got the fingers twisted and they ought to read 42.

There was a lot of talk of sending a Rabbittillian down to Portland to the fair to advertise Rabbitville and tell the people about our wonderful resources and advantages. So we had a big meeting and scraped together 42 dollars and 25 cents; then the next thing was to select a man to spend the money. Me and my friends new I was the only man fit to go for I have a soot of store cloths and can talk proper and can make a brite speech to a crowd. So we voted. There was 24 of us there and 24 votes was cast and when we counted 'em there was one vote for every feller present, showin' conclusive every voter had voted for himself. Some decided to give the money back. It is no use workin' for such a town where everybody is so narrow and so ignorant. It is such men what keeps Rabbitville from gettin' to the front.

It ain't none of our business as a private citizen but as the representative of a great moral paper like The Irrigator I would like to ask how long we are to set under the heel of the tyrant and allow major Fairplay to make us go to the kitty for jacks and which is not "fairplay" (groke) but robbin'?

change where they operate; the equalization of commission charges among all exchanges; the advisability of doing away with the traveling collector; the expediency of giving the interstate commerce commission more power; the expediency of requiring all stockholders of corporations to hold memberships; the establishment of a commercial credit system.

J. W. SMITH OF ATHENA MAY SUCCEED DAVIS (Special Dispatch to The Journal.) Pendleton, Or., July 20.—The experts, employed by the county to inspect the records and books at the courthouse, are singly engaged in examining the books of the sheriff's office and it is not expected that they will have their work completed before a week or 10 days.

In connection with the alleged shortage which was the occasion it is understood of the removal of C. E. Davis, the chief deputy, by Sheriff Taylor, a report was circulated last evening that J. W. Smith of Athena is to be appointed as successor to Mr. Davis.

A Grim Tragedy Is daily enacted, in thousands of homes, as death claims, in each one, another victim of Consumption or Pneumonia. But when Coughs and Colds are properly treated, the tragedy is averted. F. G. Huntley of Oakland, Indiana, writes: "My wife had the consumption and three doctors gave her up. Finally she took Dr. King's New Discovery for Consumption, Coughs and Colds, which cured her, and today she is well and strong." It kills the germs of all diseases. One dose relieves. Guaranteed at 50c. and \$1.00 by Siskimere Drug Co., 161 Third street. Trial bottle free.

## FIVE SEPARATIONS BY MAGNETISM

Geological Survey Experiments Are Rapidly Progressing Toward the Final Tests.

## FOUR WATER TABLES MAKE THE PRIMARY PRODUCTS

The Magnetic Separator Is Given the Duty of Further Cleaning and Separating the Various Minerals in the Black Sands.

The magnetic separator to be used in the geological survey pavilion for final separation of minerals is being put in working condition. Separation by means of the four concentrating tables erected is well under way. On the latter it is the effort of the management to cut out the different minerals as cleanly as possible, after which further separation is by magnetism. Magnetite, chromite, garnet, monazite and quartz are the five separations effected by the magnetic machines and the first products of these minerals were displayed yesterday in a remarkably clean state. The red garnet was in sharp contrast to the yellowish monazite, while the magnetite and chromite were easily distinguished when placed apart.

It is probable that hydraulic classifying will be tried later as a primary separation, or possibly auxiliary to the tables. The time and space conditions will not permit of experiments with sluice concentration, which had been advised by Dr. Day as a possible method to be tried later.

The five or six products taken from the concentrating tables are an interesting study in the work that is possible by the usual wet process. After carefully regulating the feed and water and endeavoring to hold the sand delivered to a reasonably uniform size it is found that from five to seven clearly defined mineral zones are outlined on the concentrating tables. By arranging for these to discharge in distinct receptacles, separation of mineral having nearly the same specific gravity is found possible.

Robert H. Richards, professor of mining engineering and metallurgy in the Massachusetts Institute of Technology, has been added to the force under Dr. Day and this morning the eminent authority from Massachusetts was busy with the magnetic separator, where the finest work is to be done.

but will be carefully tabulated and used in further adjustments and experiments.

Clean-Up From Vesuvius. F. J. Hard, manager of the Vesuvius mine, in Bohemia, brought a clean-up from the 10-stamp mill on the property for exhibit with the Lane county mineral display yesterday. The mill has been opened for the summer run, and the management thought that while placer nuggets and coarse gold were being shown from all parts of Oregon, it would be well to put a sample of bullion from quartz out for inspection.

Smelter Model Busy. Superintendent Mella's Smelter smelter model has been blown in, and except when it "freezes up," which occurs when water for the pump is cut off, is in constant operation. Any one caring to see how Oregon's pioneer smelting plant gets the gold out of base ore will have an opportunity to do so by making a visit to the mineral exhibit at the fair.

Bohemian Wants Smelter. (Special Dispatch to The Journal.) Cottage Grove, Or., July 20.—Bohemian mining men are working in concert for the interest of the camp. The miners see that a smelter is needed to market the large bodies of ore, and have set out to see what they can do in this direction.

Richer Ore Reported. (Special Dispatch to The Journal.) Cottage Grove, Or., July 20.—It is reported here that the Oregon Securities and Vesuvius mills are handling better ore than usual. Some of the ore at the Oregon Securities is rich in gold, much of which is visible to the eye.

## SWEDISH SONG FEAST OPENED IN CHICAGO

(Journal Special Service.) Chicago, July 20.—Representatives of Swedish singing societies throughout the country are gathered in Chicago to take part in the annual festival of the American Union of Swedish Singers. The festival opens with a mammoth concert tonight in the Auditorium. Miss Anna Hellstrom, the famous soprano of the royal opera at Stockholm, will be the principal soloist, while the choral numbers of the program will be rendered by a grand chorus of several thousand voices recruited from societies all over the country. Another concert will be given tomorrow night. The two following days will be given over to outdoor festivities at Riverview park. Arriving trains today brought many visitors from all directions, and the attendance promises to be of record-breaking proportions. The Dakotas, Minnesota, Iowa and Wisconsin will be especially well represented.

Scientists Meet in Syracuse. (Journal Special Service.) Syracuse, N. Y., July 20.—The American Association for the Advancement of Science began a field meeting in this city today, the sessions to continue through the remainder of the week. Geology and geography are the subjects selected for special consideration.

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