EWS OF THE MINES

rather depressed over the

LONG TRANSMISSION OF AIR NOT GENERAL

MERCURY VALUES ARE EASILY DETERMINED

fet when mercury ores are being analyzed in the latest manner, there is little labor involved in the process. At the Black Butte mine, Lane county, Manager Dennis uses what is termed the distillation-amalgamation process. A small quantity of the finely ground pulp is placed in a porcelain crucible and heated moderately. Mercury volatilizes readily, and is as easily precipitated. A small concaved gold plate is placed over the top of the crucible, fitting down tightly, and in the concave portion is put a little cold water. The gasified mineral ascends ustill it comes in contact with the cold gold plate. The cold precipitates it. Mercury has such ready affinity for gold that it adheres to the plate. When the heating process has continued a sufficient time to vaporize all of the mercury, the gold plate is removed, washed carefully, and then weighed. The difference in its weight before and after the process shows the amount of mercury in the ore tested.

DATERNAL ADIA ANDER.

BOHEMIA CLAIMS ARE BEING CONSOLIDATED

(Special Dispatch to The Journal.)
Cottage Grove, Or., Nov. I.—The Four Montes group in the Bohemia district, owned by A. P. Churchill, has been opened by 350 feet of tunnels and surface outs. Three strong veins parallel each other across this property and the ores are both concentrating and free milling. Mr. Churchill is arranging for the incorporation of the group to secure funds for running a long crosscut tunnel from the millsite on Fairview creek to tap at great depth all these ledges. The Big Four group, a mile lower down the canyon and also owned by Mr. Churchill, will be included in the corporation. More than the usual amount of development has been done on the Big Four this seas been done on the Big Four this sea-n and the volume of ore and values increased materially. Work is dy on this property.



AVER HILL MINE SELLS ALL POWER, MUST GET MORE

TO MORE THAN TREELS ITS THE DEMANDS OF ITS

When the enlargement of the plant is completed it will be capable of furnishing from 1,600 to 2,000 horse power. The river at this point, it is estimated, can furnish 5,000 to 10,000 horse power in the 13 feet drop given by the big dam in low water season.

MANY DRIFTS ON THE SWEEPSTAKE LEDGES

(Special Dispatch to The Journal.)

Cottage Grove, Or., Nov. 1.—Alec Lundburg, one of the owners of the Royal Flush group, Bohemia district, says that this season's work has put the property in excellent condition. The group is located on the south spur of Monte Rico ridge. The ledge is strong and can be traced for over two miles. The main adit is in 100 feet and a crosscut at the face of the drift shows 20 feet of quartz. The Ruby crosscut is in 160 feet and will reach the ledge is about 60 feet, tapping the vein shout 500 feet from the main tunnel. A good wagon road on an easy grade will be built to this property next season from the stage route into camp.

INDICATES HIGH VALUES.

(Special Dispatch to The Journal.)
Cottage Grove, Or., Nov. 1.—John Wiggers says that on his Eugene claim in Bohemia the main adit is in 75 feet on the vein and nearly the full face of the drift is in quartz. Several inches of blue, gray and red jasper have appeared next to the hanging wall. This is the only property in camp that shows jasper in quantity. Old miners say that jasper frequently occurs with high values. Specimens have been sent to Portues. Specimens have been sent to Port-land for analysis. This group is located about a quarter of a mile northwest of Martin Springs, at the base of Adams

COLLEGE PRESIDENTS COMPER.

(Journal Special Service.)

Des Moines, Ia., Nov. 1.—The association of land grant colleges of the United States began a three days' conference in Des Moines today. Nearly two score institutions located in all parts of the country are represented. institutions located in all parts of the country are represented.

Among the subjects scheduled for discussion are the expansion of the field of the agricultural college, the length of courses, the extent to which electives should govern, the influence of football and other sports on study, the co-operation of secondary schools with colleges in boosting the preparatory requirements for graduation and degrees.

PORTLAND THEAT

clamor for a stolen watch—the same stuff he did in "Little Puck" before musical comedy was ever thought of. Likewise, he must have an opportunity for osculation with most of the girls in the company; which he improves in "The Office Boy." It seems absolutely essential to his happiness to spring a catch line every four minutes. This year he has two of them. One refers to a pair of pants, the other to an illuminated countenance. But always funny is Daniels. When he says "Is my face red?" the house laughs. And Daniels must always have an explosive introduction to the cast. Last season he was hiown out of an automobile. In this latest offering he is blown onto the stage from a burgiarized safe.

The great musical treat of the night was Saille Fisher, the prima donna, who possesses the only real operatic voice heard on the Marquam's stage this season, perhaps in several season. A sweeter, more fascinating soprano does not exist in comic opera. Here is a young girl with a remarkable story of success behind her and a brilliant future in immediate prospect. Less than five years ago she made her first appearance on the stage in Sait Lake City, her home, at the head of an amateur operacompany. He head of an amateur operacompany. He father was proprietor of the Walker house, once a

throughout. Daniels is one star who does not surround himself with incompetents. The chorus conducts itself with the expected dash of such a production and the concerted numbers are beautifully rendered. The greatest applause of the night greeted Daniels in his "I'm On the Water Wagon Now," but funny as is the song, the greatness of the score is in its more ambitious operatic numbers. broughout. Dan

atic numbers.

And the funniest thing all the evening was the star's curtain speech.

It is a pity that "The Office Boy" does not remain a week.

RACE WHITNEY.

"IN MISSOURA" APPRICIATED.

Notwithstanding the heavy opposition down-town, the Columbia theatre box office sold every seat in the house again last night for "In Miszoura." There is no question as to the remarkable suc-

cess of the production of this play by are local favorites.

Mr. Baume and Miss Countiss, since the opening, have received not less than 60 letters from admirers in Portland, expressing appreciation of their respective performances. It is not unusual for people in the audience to write to players in a complimentary way, but for the second day of a bill the number of laurels bestowed upon these two players is unparalleled.

In the batch of mail addressed to the leading woman, one letter came from an

In the batch of mail addressed to the leading woman, one letter came from an old theatrical manager who happened to be visiting the city and who had never seen her act before. He said: "I have watched 'In Mizzoura' since it was written possibly 25 times. I have seen Mr. Goodwin play it repeatedly and have seen it performed innumerable times by the best stock companies in the east. But permit me to say that I have never anjoyed a rendition of 'Lizbeth as heartily as I did last night. I do not say this in a spirit of flattery, but because I believe real art deserves recognition."

"THE COUNTY CHAIRMAN."

No one will say that George Ade has failed to hold the mirror up to nature in "The County Chairman," his remarkably successful play which Heary W. Bavage offers at the Marquam Grand theatre tomorrow (Wednesday), Thursday and Friday nights and Saturday matines (only). "The County Chairman" is usually called a "quaint" comedy, but it is much more than that. It is a comedy of real life—the healthful, American life of the middle western village.

According to the New York World "The County Chairman' is the laughing hit of the year." It ran for 312 performances at Wallack's theatre in New York last season and for 112 performances in Chicago. Seats are now selling.

their boxing stunt perform clevery.
George Evans made a hit with his black-faced monologue, and Kate Coyle retains the merited popularity she has won with her illustrated songs. The bill altogether is remarkably good and attracts the big crowd that always goes to the Arcade.

Rene and the two Zolas are the big feature of the clever bill this week at the Lyric. Their act is of the unusual kind and it pleases from the very beginning. It is called the "Animated Dolls." Zeno comes on the stage and finds two big boxes there, these he uncovers and takes out two dolls. He presses a series of buttons and the doils sing and dance until at last the mechanism runs down.

Devinne and Delmas are clever and their duo provokes any amount of fun. As the original "yest" man Devinne delivers the goods. Hedendorf and Krause, representing the lean and fat Dutchmen in comedy, are as good as local vaudeville can offer.

The bill is the kind that the Lyric always offers and is one of the very best that has been seen in this city. The usual crowd was there and showed its appreciation by frequent encores.

"THE MEAST OF CHICAGO." Commencing Thursday night Cordray's will offer for a brief engagement the modern wonder of the world from a dramatic standpoint, Lincoln J. Carter's manterpiece, "The Heart of Chicago." Of all the many great achievements of Mr. Carter, who is recognised as the foremost designer of spectacular melodrama on the stage, none approach in point of scenic grandeur and sensationalism this wonderful play of Chicago from the time of the great fire until the close of the Columbian exposition.

"THE PATAL WEDDING."

But three more performances of the great Cordray's offering. The Patal Wedding." remain. Its run at Cordray's will terminate tomorrow night. It has been decided to give a special matines tomorrow afternoon at which little Miss Gussie Shires, the youngest star on the stage and the idor of the American theatre-going public, will hold a public reception after the performance in order that her many admirers may have an opportunity of becoming personally acquainted with her.

A Pleasanton item in the Dayton Herald says that Wallace Shipman "made a flying tripp to Portland on his wheel." Now, really, his either Walter or his wheel wings? Didn't he rids? Walter should buy an airship.

Washington, D. C., Nov. 1.—The volunteer "poison squad," which Chemist Wiley of the department of agriculture has been using in experiments to determine the effect on the human system of food preserves, etc., today entered upon their work for the third year. There are 12 men, all employes of the department, who subscribe to strict diet rules. Dr. Wiley says that while the tests made by means of the squad may be concluded at the end of the present term, it is possible they may extend for another year.



CALL AT THE

Journal

Fifth and Yamhill Sts., OR

The Columbia Phonograph Company

128 Seventh St.,

And hear the machine play, and enter your subscription at once.

Subscribe to THE DAILY and SUNDAY JOURNAL -BY CARRIER-and you will get a

COLUMBIA PHONOGRAPH Comparatively FREE!

Subscriber's Coupon of Inquiry

To The Journal:

Please send your representative to my address, as given below, to secure my order for ONE COLUMBIA GRAPHOPHONE, etc., and THE JOURNAL under the terms of your special offer

"Journal" Graphophone Agreement

By special arrangement with the Columbia Phonograph Company, 128 Seventh St.,

The Journal is enabled to make this extraordinary offer. Guaranteed to be a Perfect Talking Machine

The Great Chinese Doctor

Boston Painless Dentists



Boston Dental Parlors Fifth and Morrison Streets, In

Holmes

Business

College

FIRE

Through the kindness of the Y. M. C. A., day and night school is being held as usual at the association building. Fourth and Yamhill streets, telephone

\$35 CASH

Buys a lot on the Peninsula on St. Johns

car line; high, sightly, level; city water, streets graded; adjoining lots same size, without improvements, selling for \$125; must be sold to close out estate. Title

perfect, abstract with each sale free. Last chance to secure a lot for ¼ of its true value, and are as fine as any be-tween Albina and St. Johns.

BROWN, 351 Stark St., opp. Library

PROF. M. A. ALBIN

A penman and teacher of national rep-

MULTEUMAN INSTITUTE,
OF RICHE STREET,
IS Red 1988. PORTLAND, OR

SOUTHING SYRU wall by Millions of Mothers for their wills require for over Pitty Years, has the child, softens the gunt, allows ourse wind colts, and it the large

rs. Winslow's

Main 513.

OPERATIONS

THE C. GEE WO CHINESE

MEDICINE CO. ass Alder street, Portland, On Me

The principles uponwhich we produce printing are correct & unchanging Good printing today will be good printing tomorrow—& forever F.W. BALTES & COMPANY GOOD PRINTERS 1st & Oak [Main 165

C. GEE WO

Dr. W. Norton Davis.

astoma, lung troubles, rhoumatisms, nervous and second of testimonials. Charges made trouble and all private diseases. Hundreds of testimonials. Charges moderate. Call and see him. Patients out of the city write for blank and circulat. Inclose stamp. Address. We treat second tily all private nervous and through diseases of men, also blood, stomach, seart, Hye, hidney and throat troubles. We may support the private nervous and through diseases of men, also blood, stomach, seart, Hye, hidney and throat troubles. We may support to the private nervous and throat troubles. We may support to the private nervous and throat troubles. We remove that and circulat. Inclose stamp. Address without apprention or pain, is it

We Cure Gonorrhoea in a Week

We granuate to cure is every case we under-take or charge so fee. Commitation from Left-ierr comfidential. Leatractive BOOR FOR ARIS mathed from in plain wrappes. Write the quan-tion blank. Home treatment encounted.

We leading specialists in the Northwest. Established 1880. Dr. W. Norton Davis & Co.

- CEVELO-GOLDEN WEST

O SPICES O COFFEE, TEA. BAKING POWDER, FLAVORING EXTRACTS Absolute Purity: Firent Flavor, Greatest Strongth, Gensorable Prices. **CLOSSET & DEVERS**

PORTLAND, OREGON.



WEINHARD'S City Brewery

Hotel Estacada

On the Banks of the Clackamas

OPEN ALL THE YEAR. GOOD HUNTING AND FISHING

REGULAR MEALS FIFTY CENTS

O. W. P. trelley cars to its door. For Special Luncheons or Din-ers, phone Mr. Martinez, man-

Eargest and Most Complete Browery in the Horthwest. **Bottled Beer a Specialty**

Office 18th and Burneldo Str. PORTLAND, OREGON.