

THE CAPITAL JOURNAL.

SATURDAY, MAY 25, 1889

Liability to Spontaneous Combustion.
Cotton-seed oil will take fire even when mixed with 25 per cent of petroleum oil, 10 per cent of mineral oil mixed with 10 per cent of animal or vegetable oil will go far to prevent combustion.

Olive oil is combustible, and, mixed with rags, hay, or sawdust, will produce spontaneous combustion.

Coal dust, flour dust, starch, flour (especially rye flour) are all explosive when mixed with certain proportions of air.

New starch is highly explosive in its uncombined state, also sawdust in a very fine state, when confined in a close chute and water directed on it. Sawdust should never be used in oil shops or warehouses to collect drippings or leakages from casks.

Dry vegetable or animal oil inevitably takes fire when saturating cotton waste to 180°F. Spontaneous combustion occurs most quickly when the cotton is soaked with its own weight of oil. The addition of 40 per cent of mineral oil (density 0.890) viscosity, emitting no inflammable vapors, even in contact with an ignited body, at any point below 338°F., is sufficient to prevent spontaneous combustion, and the addition of 20 per cent of the same mineral oil doubles time necessary to produce spontaneous combustion.

Patent driers from leakage into sawdust, etc., oily waste of any kind, or waste clothes of silk or cotton, saturated with oil, varnish, turpentine. Greasy rags from butter, and greasy ham bags. Bituminous coal in large heaps, refuse heaps of pit coal, hastened by wet, and especially when pyrites are present in the coal; the larger the heaps the more liable.

Lamp black, when slightly oily and damp, with linseed oil especially. Timber dried by steam pipes, or hot water or hot air heating apparatus, owing to the fine iron dust being thrown off; in close wood casings or boxings around the pipes from the mere expansion and contraction of the pipes.—American Miller.

He Couldn't Eat the Soup.

An elderly gentleman in a restaurant, having been served with a plate of soup he had ordered, said to the waiter:

"Look here, I can't eat this soup."

"All right; I'll get you another plate."

On receiving the second plate the guest once more remarked:

"It's no use, I can't eat this soup."

Then the waiter went to the proprietor and said:

"The old gentleman over there is complaining about the soup. He says he can't eat it."

"You don't know how to wait on people. I'll attend to him."

The proprietor went to the kicking guest and said, blandly:

"I understand you say there is something the matter with the soup?"

"I didn't say anything of the kind."

"You said you couldn't eat it."

"Yes I said I couldn't eat it."

"Will you tell me why you can't eat that soup?"

"Certainly. I haven't got any spoon."

A Fortunate Druggist.

Mr. Edwin W. Joy for many years and now a prosperous druggist on the corner of Stockton and Market streets in San Francisco, probably never dreamed of rivaling in wealth the medicine kings of the country. But various rumors having been floating around to the effect that he has struck it big, an *Examiner* reporter was detailed to unearth the cause, and after much difficulty unraveled the following story:

It seems that about seven years ago an English physician, a great student of botany, located in this city. His practice was not extensive, and yet the few cases that came to him attracted no little attention. His success seemed to be in the treatment of liver and kidney disorders, and vitiated blood. In fact his ability to cope with these common complaints was marvelous. He seemed almost infallible, and his quiet modest methods and his well-kept secret was as much a mystery as himself. After his departure about a year later Mr. Joy determined to fathom the secret, and copying all the prescriptions he had filled for the erratic doctor, he began a systematic analysis. In his examination he discovered running all through the prescriptions for liver and kidney troubles, vitiated blood and stomach disorders a couple of vegetable extracts indigenous to California, so simple and so well known under homely every day names to every school boy as to entirely dissipate the suspicion that they were the active principles involved. So certain, however was Mr. Joy that he had discovered the secret, that he embodied the new elements in a preparation of Sarsaparilla to disguise the taste, and put it before his customers under the modest name of Joy's Vegetable Sarsaparilla. Immediately the same marvelous stories came back of its astonishing effects, and the mystery was solved, and the talk it has created has already caused it to step into prominence, and orders pour in daily from all over the coast. And thus another California industry leaps into existence.—S. F. Examiner.

A GOOD CUP OF COFFEE.

Is a great attraction for a restaurant. The coffee drawn from Hollenbrand's Patent Coffee receptacle is one of the many Great Attractions of his eating parlor. Thousands of cups of his excellent coffee are sold every week. And as for coffee and meals he cannot be equaled in the state.

Wright's Blackberry Cordial an infallible remedy for the most obstinate cases of Diarrhea and Dysentery. Sold by all druggists.



This powder never varies. A marvel of purity, strength and wholesomeness. More economical than the ordinary kinds, and cannot be sold in competition with the multitude of low test, short weight alum or phosphate powders. Sold only in cans. ROYAL BAKING POWDER CO., 106 WALL, N.Y.

For the Public Good.

It is an indisputable fact that the handsomest vegetable trains that are now run on the American continent are those on the Burlington route, leaving from Union depot in Denver, also St. Paul, immediately on arrival of all through trains from the west. The first and second class coaches are magnificent, the reclining chair cars, suburban, the Pullman sleepers extremely luxurious, and as for the meals that are served in these places Burlington dining cars—yummy. The next time you go east to Kansas City, Chicago or St. Louis, if you mention to the ticket agent that you want your ticket to read from Denver or St. Paul over the Burlington route, you will get it, and you will always be glad of it.

If you go via the Northern or Canadian Pacific, the elegant vegetable trains of The Burlington route, between St. Paul and Chicago, or St. Louis, will carry you along the eastern shore of the Mississippi river for a distance of 350 miles, amidst scenery that cannot be surpassed. If you go via the Oregon Short Line or Southern Pacific, and your ticket reads via The Burlington route from Chicago or Denver, you will pass through all the thriving cities and towns located in what is popularly known as the Heart of the Continent. For further information apply to A. C. Sheldon, General Agent, 80 First street, Portland, Oregon. 4-19d&wt

\$50. HORSES: \$50.

One hundred head of brood mares and young horses for sale. Forty or fifty colts expected in the spring. Two fine horses, Clyde and Peregrine, weight sixteen and seventeen hundred, have been with the band for the past three years. Original stock from the best quality of mares. For particulars address or see W. H. BYARS, Salem, Or.

IMMIGRANTS LOOK HERE!

Having farmed in this country for over half a century, which gives us a thorough knowledge of the country, we now offer our services to you in

SECURING HOMES

and take pleasure in announcing that we have a very fine list of property from which to select, embracing some of the best

Grain, Stock and Fruit Farms

In Marion and Linn counties, at prices that cannot be duplicated in the Willamette valley. Other valuable property of various kinds offered at "bed rock" prices.

Come and See and You Will Be Convinced

that we are offering all that we here claim. Come by Sallow Gauge railway, or to Turner and take stage, four miles. Descriptive price list of farms and other property sent on application. Locating two or more families near each other a speciality.

H. C. & J. H. PORTER, Real Estate Agents, Aumsville, Marion county Or. 4-5-30

OREGONIAN RAILWAY CO.

(Limited Line.)

CHAS. N. SCOTT, Receiver.

From and after Feb. 18, 1889, and until further notice trains will run daily (except Sunday) as follows:

EAST SIDE.

Coburg Mail Port'd Mail

From Port land STATIONS. Tow'd Port land

Lv. 11:30 a.m. PORTLAND PAW V. AT. 4:40 p.m.

Ar. 10:00 Foot of Jefferson St. 1:00

Lv. 2:15 p.m. Bay's Landing. Ar. 12:47

" 2:25 " St. Paul's " 12:47

" 3:10 Woodburn " 12:40

" 3:21 Townsend " 11:46

" 3:41 McKee " 11:49

" 4:01 Mt. Angel " 11:24

" 4:16 Brown " 10:11

" 4:35 Johnston's Mill " 10:23

" 4:51 Switzerland " 10:16

" 5:07 East Side Depot " 10:07

" 5:20 Steady " 9:46

" 5:36 Annsville " 9:18

" 5:50 West Station " 9:10

" 6:14 O P Crossing " 8:40

" 6:24 West Selo " 8:28

" 6:53 Crabtree " 8:00

" 7:20 Spicer " 7:51

" 7:29 Tallman " 7:22

" 8:01 Plainview " 6:48

" 8:07 Brownsville " 6:13

" 9:20 Rowland " 5:30

At 10:15 Coburg. Lv. 4:30

At 10:15 AR. Lv. 4:30

Connection at Ray's and Fulguri Landing with steamer "City of Salem"

General Offices, N. W. Cor. First and Pine, Portland, Oregon.

THE RELIABLE GROCERS, KELLER & SONS,

Corner State and Liberty Streets, Salem.

Specialties in Table Luxuries,
Fine Tea, and Coffee, Creamery
Butter, Cream Cheese, etc.

WE LEAD IN CANNED GOODS.

Remember the Place and Call.

A FEW WORDS TO YOU.

We wish to say a few words to the readers of the Journal in regard to footwear:

1st. Our stock for this SPRING comprises all the latest and most desirable styles in both ladies' and gentlemen's footwear. We carry no shoddy goods, but guarantee to sell the best goods the market affords at lower prices than any other house, quality considered.

2d. Your attention is invited to our immense line of

Ladies' Light Footwear!

The attention of the ladies is particularly invited to this department. Now is the time to buy before the stock is broken.

Our stock is large, well selected and varied. You can see all that is new and desirable, and we will guarantee to fit you and suit you.

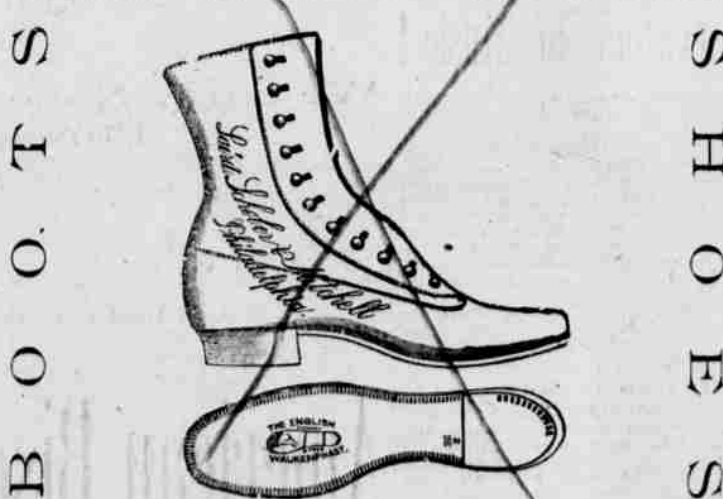
KRAUSSE & KLEIN,

No. 211 Commercial Street, Salem, Oregon.

Wm. Brown & Co.,

DEALERS IN

BOOTS AND SHOES.



Leather and Findings

CASH PAID FOR

WOOL, HIDES, PELTS AND FURS.

231 Commercial Street, Salem, Or

THE KEY TO SUCCESS!

FOUND!

Success in Business requires preparation! Therefore, thoroughly master Commercial Arithmetic, Business Penmanship and Business Correspondence, Book-keeping by both Single and Double Entry, the nature and correct use of Commercial Papers, Commercial Law and Business practice. Learn, also, shorthand and type-writing, Manuscript and Dictation work. All these are needed in business, and are thoroughly taught by experienced teachers at the

SALEM BUSINESS COLLEGE
Girls' School's Block, Salem, Oregon.

THE BEST STOCK OF STOVES

IN THE CITY IS AT

R. M. WADE & CO'S

282 to 286 Commercial Street, SALEM



Garland Stoves,

Charter Oak Stoves,

Brighton Range

AND MANY OTHER LEADING STYLES.

Also a Complete Stock of Hardware and Farm Machinery, Wagons and Carriage

The Towering Mastodon of Tented Shows! SELLS BROTHERS'



Three-Ring Circus, Royal Roman Hippodrome, Elevated Stage and 5-Continent Menagerie.

NOW IN PERMANENT CONSOLIDATION WITH

S. H. Barrett's

Universal Menagerie, 2-Ring Circus, Racing Carnival and the Great World's Fair

WILL EXHIBIT IN

SALEM,

Tuesday, June 18, '89

Two Performances, 2 and 8 P. M.

An extraordinary unification of the two leading Shows of America. Perfecting by their felicitous consolidation the most voluminous and

Vast Amusement Organization

That mind can conceive or capital produce. In each and every department the consummation of a perfect Show, wonderful in extent and variety, multitudinous in choice and acceptable attractions, and presenting each act and feature with style, method and elegance, appreciated by patrons and commended by all.

Tuesday, June 18, 1889.

June 18, 1889.



The Largest Tents Ever Constructed,

Whose mighty mazes of canvas canopy more space and enclose more novel and prominent features than the tents of a dozen cotemporary exhibitions. A matchless

Hippodromatical, Zoological, Equestrian, Spectacular Exhibition.

To witness which thousands come daily many leagues.

A PARADE WITHOUT A PARALLEL

In gleaming glamor and impressive spectacular grandeur, presenting sumptuous scenes, thrilling surprises and gorgeous effects never before witnessed on the public streets. The Children's dream of Fairyland, a delightful episode of the magnificent Free Street Pageant.



ELECTRIFYING HIPPODROMATIC SPORTS!

Realistic Gladiatorial Contests, exciting Chariot and Running Races and thrilling trials of speed. The poetical historical, dashing and ever-memorable

SHERIDAN'S RIDE,

Vividly, artistically and realistically reproduced on our mammoth Hippodrome Track. The most comprehensive and exhaustive zoological collection ever shown under canvas. The largest and best trained Herd of Elephants, two immense Hippopotami, fifty golden, statue-crowned and sumptuously adorned Cages filled with the strangest objects known to natural history, monstrous Python, Anacondas and Bon constrictors, huge African and Amazonian raptorial and Reptiles, multi-hued Birds from the tropics and rare and curious Beasts from every land and clime. A new and salient revolution in tented entertainments.

Also exhibits in Eugene City, June 17; Albany, 19; Corvallis, 20; Independence, 21; McMinnville, 22; Portland, 24 and 25.

TRANSPORTATION.

THE YAQUINA ROUTE.

OREGON PACIFIC RAILROAD

And Oregon Development company's steamship line, 25 miles shorter, 20 hours less time than any other route. First class through passenger and freight line from Portland and all points in the Willamette valley to and from San Francisco

TIME SCHEDULE, (Except Sundays):
Leave Albany 1:30 P. M.
Leave Corvallis 3:30 P. M.
Arrive Yaquina 5:30 P. M.
Leave Yaquina 6:45 A. M.
Leave Corvallis 10:35 A. M.
Arrive Albany 11:10 A. M.
O. & C. trains connect at Albany and Corvallis.

The above trains connect at YAQUINA with the Oregon Development Co's Line of Steamships between Yaquina and San Francisco.

SAILING DATES.

STEAMERS, FROM YAQUINA
Willamette Valley.....Thursday May 21
Willamette Valley.....Saturday, June 1
Willamette Valley.....Sunday " 9

STEAMERS, FROM SAN FRANCISCO

Willamette Valley.....Sunday, May 19
Willamette Valley.....Tuesday, May 22
Willamette Valley.....Wednesday June 5

This company reserves the right to change sailing dates without notice.

N. B.—Passengers from Portland and all Willamette Valley points can make close connection with the trains of the YAQUINA ROUTE at Albany or Corvallis, and if destined to San Francisco, should arrange to arrive at Yaquina the evening before date of sailing.

Passenger and Freight Rates Always the Lowest. For information apply to Messrs. HULMAN & Co., Freight and Ticket Agents 200 and 202 Front St., Portland, Or. or to

C. C. HOGUE, Act'g Gen'l Frt. & Pass. Agt., Oregon Pacific R.R. Co., Corvallis, Or.
C. H. HANWELL, Jr., Gen'l Frt. & Pass. Agt., Oregon Development Co., 204 Montgomery St., San Francisco, Calif.

TIME TABLE—RIVER DIVISION.

The elegantly equipped steamboats, Wm. M. Hoag, Capt. Geo. Hooper, the S. S. Bentley, Capt. J. P. Coulter; the Three Sisters, Capt. W. P. Short; are in service for passenger and freight traffic between Corvallis and Portland and intermediate points, making three round trips each week as follows:

NORTH BOUND—Leaves Corvallis Monday, Wednesday and Friday at 5 a. m. Arrives at Salem Monday, Wednesday and Friday at 3 p. m. Leaves Salem Tuesday, Thursday and Saturday at 6 a. m. Arrives at Portland Tuesday, Thursday and Saturday at 3:30 p. m.

SOUTH BOUND—Leaves Portland Monday, Wednesday and Friday at 6 a. m. Arrives at Salem Monday, Wednesday and Friday at 7:15 p. m. Leaves Salem Tuesday, Thursday and Saturday at 6 a. m. Arrives at Corvallis Tuesday, Thursday and Saturday at 3:30 p. m.

For freight and passenger rates apply to the captains and purveyors of the respective boats, or to W. M. Hoag, agent, 200 and 202 Front street, Portland; Gilbert Bros. agents, Salem; I. M. Adair, agent, Albany; C. A. Miller, agent, Corvallis; or to the general freight and passenger agent, Corvallis. O. & C. trains connect at Albany and Corvallis.

F. W. BOWEN, Superintendent.

Wm. Hoag, General Manager.

Overland to California

—VIA—

Southern Pacific Company's Line.

THE MOUNT SHASTA ROUTE.

Time between Salem and San Francisco thirty-six hours.

CALIFORNIA EXPRESS TRAIN—RUN DAILY.

BETWEEN PORTLAND AND SAN FRANCISCO.

South North

4:00 p. m. Lv. Portland Ar. 10:45 a. m.

6:14 p. m. Lv. Salem Ar. 7:53 a. m.

7:45 a. m. Ar. San Fran. Lv. 7:00 p. m.

LOCAL PASSENGER TRAIN—(DAILY EXCEPT SUNDAY)

8:00 a. m. Lv. Portland Ar. 3:45 p. m.

11:10 a. m. Lv. Salem Ar. 12:32 p. m.

2:40 p. m. Ar. Eugene Lv. 9:00 a. m.

PULLMAN BUFFET SLEEPERS.

TOURIST SLEEPING CARS

For accommodation of second class passengers situated in the Pullman sleeping cars. The S. P. company's ferry makes connection with all the regular trains on the East Side Division from foot of F street Portland.

West Side Division, Between Portland and Corvallis:

DAILY—(EXCEPT SUNDAY).

7:30 a. m. Lv. Portland Ar. 6:20 p. m.

12:25 p. m. Ar. Corvallis Lv. 1:00 p. m.

At Albany and Corvallis connect with trains of Oregon Pacific Railroad.

Through tickets to all points south and east via California.

EXPRESS TRAIN—(DAILY EXCEPT SUNDAY.)

4:30 p. m. Lv. Portland Ar. 9:00 a. m.

8:00 p. m. Ar. McMinnville Lv. 5:45 a. m.

Through Tickets

—To all points—

SOUTH and EAST

—VIA—

CALIFORNIA.

For full information regarding rates, maps, etc. apply to the Company's agent, Salem, Oregon.

E. P. ROGERS, Asst. G. F. and Pass. Agt., E. KOEHLER, Manager.

Oregon Railway and Navigation

COMPANY.

"Columbia River Route."

Trains for the coast leave Portland at 7:40 a. m. and 8:30 p. m. daily. The steamer from principal points in the United States, Canada and Europe.

ELEGANT PULLMAN PALACE CARS

Exquisite Sleeping Cars run through "on express" trains.