

DAILY CAPITAL JOURNAL
BY HOFER BROS.
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RAILROAD BEGINNING

In 1855, while we were publishing the Johnstown Tribune, there was placed in our hands a copy of the Greensburg, Pa., Gazette, dated March 25, 1855. In the copy of the Gazette referred to prominence was given to a discussion of the new method of transporting all kinds of freight and also passengers by railroad, with or without steam power. First there is presented a woodcut illustration of a 'section of a railroad, with a view of locomotive, having in tow three transportation wagons,' copied from a communication in the Baltimore American, together with an explanation of the method of operating the road with the aid of the locomotive. The following is the explanation of the diagram:

"Believing that a diagram of a railway, together with the steam and other wagons upon it, would tend to render the subject more easily understood I have caused one to be engraved. It will be observed, in referring to this diagram, that the steam engine has six wheels, four of which, the two foremost and two hindmost, have grooves to fit the rail like those of the wagons intended to carry merchandise and rest upon the smooth rail, and that the two middle ones, which are cog wheels, play into the cogs of the rails, which are somewhat nearer to the surface of the earth than the smooth edge. The four wheels which run upon the smooth surface support the whole weight of the steam engine. Of course the middle or cog wheels are not pressed upon, and being put into motion by the machinery of the engine serve to propel the wagons in the same manner as the wheels of the steamboats act. By the locomotive engine fifty tons of goods may be conveyed by a ten-horse-power engine, on a level road, at the rate of six miles an hour, and lighter weights at a proportioned increase of speed. Carriages at the rate of twelve to fourteen miles per hour. For canals it is necessary to have a dead level, but not so for railroads; an engine will work goods over an elevation of one-eighth of an inch to a yard. Where the ascent or descent is rapid, and cannot be counteracted by cutting off embankments, recourse must be had to permanent engines and inclined planes, just as recourse is had to locks for canals, but here again the railroad system has the advantage; the inclined plane causes no delay, while locking creates a great deal."

Notwithstanding the favorable opinion of the writer in the American the editor of the Gazette was skeptical. He commented on the cut and the explanation as follows: "We have prepared and placed on the first page of our paper an engraving representing a locomotive engine, having in tow three transportation wagons, accompanied by an explanation from another paper. It would be impossible, we think, considering the kind of country through which our road passes, to bring the steam wagon into successful operation between the East and West. It requires too many stationary engines to propel the wagons over our numerous hills. It would be necessary to have half a dozen in sight of this town, for we are situated on a hill, and surrounded by them on all sides."

It is only eighty years since these remarkable opinions were expressed by the editor of the Gazette. The "steam

Young Man

The habit of putting money away is reflex in its action. The money itself is a valuable accessory, and the quality of mind and character developed through this habit makes for ultimate success.

The young man whose money is not drawn from his pocket at every tinkling sound is the man who will succeed.

SAVE WHILE YOU EARN. Deposit a part of your income regularly and you will soon be independent.

We receive deposits of one dollar or more and pay interest at the rate of three per cent, compounded semi-annually.

Savings Department
CAPITAL NATIONAL BANK

Ayer's Cherry Pectoral.

We believe in doctors. They believe in us. We give them the formula of our Cherry Pectoral. They order it for coughs, colds, bronchitis, croup, the grip.

J. C. Ayer & Co., Lowell, Mass.

GOOD TEAM OF KICKERS

As the date for the opening of the public schools draws near the question of the strength of this year's high school football team is being discussed with much earnestness. Manager Ralph Moores has already secured a coach in the person of Ralph Mathews, and is now busily engaged in arranging his schedule. This will include several practice games early in the season, with the mute and reform schools, besides the regular match games. A game with the Portland high school will probably be played, and two games each with the following teams: McMinnville college, Monmouth Normal school, Albany high school and the Eugene high school. This makes a good list of games, and will give the local lads something to think about.

The prospects for a winning team are very bright. Nearly all of last year's players will be back in school, and there will be any amount of new material to draw from. A number of big, husky farmer lads will be among the recruits, and there is no reason why the Salem high school should not be able to put out a strong team. Among the old men who will be in the school are C. Moores, Eyre, Niles, Miller, R. Moores, Rhodes, Cross and Slater. C. Moores, at quarter, cannot be beaten by any high school player in the state. Eyre, Niles, Miller and Slater are all heavy line men. Rhodes and R. Moores are good for the ends, while Curtis Cross can smash the line from the fullback station. The places that are vacant are the two halfbacks. While these are important places to fill, yet it is not anticipated that there will be any difficulty in getting good men. Three men who will enter school this fall, and who have already had some football experience, are Harry Winstanley, Perry Jones and Leroy Rulifson.

X-RAYS

Bank cashier fatally shot. No joke about that.

Three railroads into Klamath Falls. Putting them in pretty thick, gentlemen.

The Willamette Valley Development League will open a clam at Eugene.

Eight hundred people in Cleveland praise Rockefeller, and 80,000,000 in the country condemn him, and there he is.

Rockefeller advising young men to avoid mere money-getting reminds one of a sign board, pointing the road to others that it never travels itself.

The clambake at Eugene will not be equal to the banquets at Portland given men like Harriman and Hill, but they mean just as much to the country.

Since Dr. Morrison has got to talking, Lincoln Beachey, of airship fame, is liable to lose his new honors. The renowned gentleman has some long and high flights of imagination.

The Portland Journal, writing up the holdup of Dr. A. A. Morrison, rector of Trinity Episcopal church, says: "He had left at home the revolver which he usually carries when out at night." When the cloth goes to packing firearms, what becomes of the doctrine of "peace on earth," and wherein is the difference between them and any other thug?

"Turn your thoughts on the higher things of life. Be of service to humanity; turn your thoughts into channels of usefulness, looking forward to a determination that some usefulness shall come out of your success. Let your motto be: 'What shall be the fruit of my career? Shall it be the endowment of hospitals, churches, schools and asylums?' Do everything you can for the betterment of your fellow men, and in doing this you will enjoy life the better."

So said John D. Rockefeller recently in talking to some young lick-spittles who were with the Cleveland gang which visited him to tell him how they loved him. It so affected his nerves that he neglected to raise the price of oil next day.

Commencing September 1st The Southern Pacific will sell special tickets to Portland and return, account Lewis and Clark expedition; rate: One and one-third fare for round trip, \$1.55. Limit: Thirty days, but not later than October 31, 1905.

A. L. CRAIG,
Gen. Pass. Agt.

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This Date in History.

1014—Nearly the whole of Flanders was immersed by a storm.

1066—William the Conqueror reached the coast of England on his memorable invasion.

1670—The London Royal Exchange, having been rebuilt, was reopened.

1777—General Anthony Wayne, with a detachment of 1500 men, on the left wing of the British army, was surprised and defeated with a loss of about 300.

1789—Americans under General Marion attacked a party of Tories at Black Mingo.

1839—William Dunlap, a portrait and historical painter, famous in his day, died at New York, aged 74.

1850—The North Star, which was sent out from England in 1849, arrived at Spithead on her return, having been imprisoned in the ice from October 1, 1849, to August 1, 1850.

1895—W. K. Vanderbilt announced to give \$5,000,000 to be expended on Blenheim Castle.

1895—Steamer Robert L. Fryer sunk in Sault Ste. Marie in a collision with the steamer Corsica.

Startling Mortality.

Statistics show startling mortality, from appendicitis and peritonitis. To prevent and cure these awful diseases, there is just one reliable remedy, Dr. King's New Life Pills. M. Flannery, of 14 Custom House Place, Chicago, says: "They have no equal for constipation and biliousness." 25c at J. C. Perry's Drug Store.

CASTORIA

For Infants and Children.
The Kind You Have Always Bought

Bears the Signature of *Chas. H. Fletcher*

Notice to Taxpayers.

The last half payment of the taxes for the year 1904 will become delinquent on Monday evening, October 2, 1905. Pay before that time to avoid penalty and interest. Taxpayers who have paid no part of the 1904 taxes and all other taxpayers are notified that shortly after the above date there will be other costs in addition to the penalty and interest on unpaid taxes. Please take notice and pay promptly.

W. J. CULVER,
Sheriff and Tax Collector.

9-25 to oct-3d 21-w

New Lange Hotel

Corner Sixth and Washington streets, Portland, Or., (next to Imperial). Strictly fireproof and modern. Rates lowest for first-class service. Steam heat and elevator, elegant cafe and bar in connection. On direct line to fair grounds. F. Lange, proprietor; Sam Bauman, manager, formerly of Omaha, Neb.

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Shortest line to all points in Polk County.

No Autos or Steam Engines run on this road

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I am in South Salem, where you will find me for all kinds of fruit trays, orchard boxes and hop baskets.

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We pay money for the THREE Bs. Save the fronts of the Packages.

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Thousands of people are now using this famous flour for Boston Brown Bread, Griddle Bread, . . . Griddle Cakes, Muffins and Plum Pudding.

It is the real New England article. Put up in red packages, and in 10-pound sacks. Ask your grocer for it.



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Mail us five 2-cent stamps and we will send Sample Package prepaid.

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Demand for Normal Trained Teachers

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Cornice Work, Heating and Building Work of all kinds; estimates made and work guaranteed.

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College of Music--Willamette University Opens Sept. 26

Helen I. Calbreath, B. M., Dean, piano; Frederick W. Goodrich, London, piano and pipe organ; Wm. Wallace Graham, Berlin, violin; M. Evelyn Hurley, New York, voice; Eva Cox, B. M., Salem, piano.

New pianos, newly furnished studios, new faculty.