

..A GREAT SALE.

Of ribbon remnants at The Magnet Cash Store. Now is the time to buy your ribbons for X-mas and The Magnet is the place. Some marvelous bargains there. Ribbons of all shades, lengths and widths for little money. Come early and get your choice.

THE MAGNET CASH STORE

Clements & Wilson.

Court and Cottonwood

East Oregonian

WEDNESDAY, DECEMBER 26, 1900.

DAILY, WEEKLY AND SEMI-WEEKLY
East Oregonian Publishing Company,
PENDLETON, OREGON.

DAILY SUBSCRIPTION RATES:
One copy per week, by mail, \$1.00
One copy per week, by carrier, \$1.00
Three months, by mail, \$2.50
Six months, by mail, \$4.50
One year, by mail, \$8.00
Single numbers, 5 cents

SEMI-WEEKLY SUBSCRIPTION RATES:
One copy per week, by mail, \$1.00
Three months, by mail, \$2.50
Six months, by mail, \$4.50
One year, by mail, \$8.00
Single numbers, 5 cents

WEEKLY SUBSCRIPTION RATES:
One copy per week, by mail, \$1.00
Three months, by mail, \$2.50
Six months, by mail, \$4.50
One year, by mail, \$8.00
Single numbers, 5 cents

FALSE EDUCATION.

There can not be too much learning in the land; schools and colleges should be built, maintained and multiplied; the professions should be taught to every worthy boy and girl. But this is a democratic age. The course of class and caste have no place among us. The poison doctrine that a little learning elevates a man above toil, or those who have to toil is not American in purpose or kind. An educated man should be ready to work, if his profession is not self-sustaining. He should not grow desperate if he can't wear a white shirt every day. This garment is no token of actual worth. If the young man who has spent a half dozen years in college does not chance to land in an easy position at once it should not be cause for grief, suicide, or some worse crime. Patient, persistent, long-suffering native force of character has battled for years in gaining a scant recognition. Men don't walk into fortune and place without some effort. There is a tendency among a certain class of "educated" men turned out of the Eastern colleges to look down on labor; to hold their eyes above all men who are using their hands to earn a living. It is a sort of false would-be aristocracy, which has no title and no wealth. These men expect to go through life without getting any of its hard knocks. They expect a little polish of manner and a little shadow of assumed superiority to be a drawing card for a "fat" job. In the unlettered west, this don't go. We want educated men among us, but they must get down to hard work and show us by actual test that they know something. We love living examples, and are afraid of the man who is always talking of his accomplishments.

This same tendency goes farther. In its eagerness for riches and fame, it turns malefactor. In the embezzler, the absconder, the bank teller frauds, the murders for money, nine times in ten the criminal was an "educated" man crazy for riches without work. The eastern institutions of learning are presided over by millionaires, their scions or their trucklings. Their teachings will conform to the views of the men. They are not in touch with the masses. They know nothing of the mighty pulses of the toiling, loving, struggling world. They live in a little circle of intellectual delusions, circumscribed by narrow, class limits. The doctrine applies to perhaps one-tenth of the population of the American continent. Outside of this faction it is meaningless. If a man is rich, it fits. If he is poor, it doesn't fit. He must grow desperate under its false doctrine, or learn a new trade. His ideas and beliefs won't mingle with the actual conditions in the great crucible of human struggle, aspiration and action.

NEXT MONTH, THE LEGISLATURE.

Next month, in Oregon, the legislature is to assemble, as it does every two years. There is to be a senatorial election, and there is danger of similar disgraceful proceedings at Salem as occurred two years ago.

Ex-Senator Corbett "is in the field again." Once an old man gets a desire for anything it seems impossible for him to check or curb it. There is no reason for Mr. Corbett to be senator, other than he started in to secure the "honor" and now he is determined to get it by either fair or foul means.

Ex-Senator Mitchell probably has his eye on the office also, but he is doing little if anything in the open, not even announcing his candidacy. There are others who are hoping senatorial lightning will strike them. The

office is not seeking the man, but any number of men are seeking it.

If justice were done some able and fit citizen of Eastern Oregon would be chosen, on the solid ground that this great section is without representation in the legislative halls at Washington. Some people will be prone to say that Eastern Oregon has Malcolm Moody, congressman, but Mr. Moody does not count, for he is tooth and toe nail in with the Portland republican ring and does its bidding.

Young Mr. Moody is a "good fellow" but a poor congressman, none at all, so far as the interests of Eastern Oregon are concerned. Eastern Oregon should have a senator, and the republican party had better admit it. Some day it will discover it made a mistake if it does not.

HARNESSING THE AIR.

Not satisfied with harnessing electricity and forcing steam to serve his ends, man has at last shackled the very atmosphere he breathes and compelled it to do his work, says the Washington Star. The cheapest of nature's products has now become the most valuable. Compressed air has already accomplished marvels and at this date only a little is known of its eventual possibilities. It is ventilating the mines of Pennsylvania, propelling street cars in New York city and forwarding mails in Berlin. It drills holes in the diamond mines of Kimberley and rings the chimneys of St. Patrick's cathedral in New York city. It polishes the walls of weatherbeaten buildings and paints their interiors. It closes doors, sweeps carpets and builds bridge foundations far below the surface of the water.

The compression of air is very simple and also very ancient. It dates back to the air appliances of Ctesibus, about 350 B. C. Not until 1810 was a practical air compressor built however, and this was the basis of the present system of operation by compressed air. An air compressor consists of a cylinder of cast or gray iron, in which a piston moves to and fro. When the piston moves in it compresses the air within the cylinder against one end. That is the entire secret of air compression. Steam, water or other powers moves the piston. After the piston has done its work, the compressed air is forced through a valve into a pipe leading to a tank or reservoir. In cases where great pressure is required, the air is forced into another cylinder where it is still further compressed. Then it passes to third cylinder where it receives its final compression.

Under great pressure air generates a high degree of heat, and in order to obviate danger from this cause all modern air compressors are surrounded by coils of pipe through which cold water runs in a steady stream. This serves to cool the machinery and also the air. The latter, however, is again heated before being used, as compressed air does one third more work when heated.

When the air is first released from the reservoir where it has been crushed into the smallest possible space it is dead and inert. This is due to the fact that the confined quarters of the individual molecules constituting the air do not permit them to move about. As soon as heat is introduced the air becomes elastic again.

The most important use to which compressed air is put is in the propulsion of cars and vehicles. In this system the car carries its own motive power in steel tubes beneath the seats.

Paris has the most extensive system of compressed air cars. Next comes that of the Twenty-eighth and Twenty-ninth street cross-town lines in New York city. The plant for compressing the air used on these lines is situated at Twenty-fourth street and Hudson river. The air compressor is probably the largest in the world. The engine operating it is of 1000 horse power. The fly wheel is 22 feet in diameter and weighs 12,000 pounds. There are four cylinders in the compressor. In the first the air is compressed to 40 pounds to the square inch; in the second to 180 in the third to 850 and in the fourth to 2300. The engine and compressor, which are in one, are 60 feet high. In the storage station are 600 cylinders of the finest nickel steel tested to withstand a pressure of 500 pounds to the square inch. Into these receptacles air is forced and kept until needed.

When a car is ready for a trip its tanks (beneath the seats) are connected with the steel cylinders as a bicycle pump is connected with the tire. The air is turned on, and in a few minutes the car is ready to start. This supplied each car can travel 15 miles without recharging. Forwarding mail through pneumatic tubes is another valuable application of air force. Many of the large cities of this country transfer mail by the pneumatic system which is almost instantaneous.

Great success has attended the use of compressed air in mining operations. Not only does the compressed air renew the vitality of the vitiated atmosphere in the bowels of the earth, but in many mines it operates the rock drills, the elevators, the cars.

A good example of this subterranean work can be found in the construction of the underground rapid transit road in New York city. At the upper end of Union Square the contractors have erected a huge air compressor which operates the drills, hauls the dirt out of the excavations, freezes the quicksand, furnishes fresher air to the workmen and pumps the water out of the

tunnels. The men working in the tunnels use pneumatic tools. A pneumatic hammer, a miniature rock drill, as it were—can do the work of six men, armed with ordinary tools. Pneumatic chisels and augers are also used.

Another remarkable use for compressed air is to paint houses. The great appraisers' stores at New York city and the main buildings at the Chicago's world's fair were painted by means of liquid paint forced through the nozzle of a tube by means of air pressure. In this manner one can do the work of a dozen old fashioned painters. A variation of this is to polish the surfaces of weather beaten walls. In place of the paint, very fine hard sand is used. The tremendous force of the air blows the sand against the walls with such power that the friction produces a high polish. What will probably interest the housewife most is the pneumatic carpet sweeper and duster. Instead of scraping along the carpet, missing two thirds of the dust and dirt, the pneumatic sweeper blows the refuse into a convenient receptacle, whence it can be removed at leisure.

All those who have traveled on railroads have been saved discomfort and danger by the air brake, which is now in almost universal use. This same principle that can stop an express train within a few hundred feet can also play the chimes of St. Patrick's cathedral. The chimes which weigh 5500 pounds, and when first installed were played by electricity. Owing to the uncertainty of the current and the proclivity of the apparatus for getting out of order some other motive power was sought. Finally compressed air was selected. Electricity is still used as the communicating agent between the keyboard in the church and the belfry. The air is compressed in the two towers, and is released by the electricity, whereupon the hammers drop upon the bells, and the chimes send their melodies into the world. The air is also used to produce sound in the great organ.

In Australia compressed air has been employed in depriving sheep of their woolly covering. The shearing machine is somewhat similar to the clipper used in every barber shop. The difference is in the manipulation. Instead of being operated at a dignified speed by the hand of the operator compressed air causes the knives to move to and fro with remarkable rapidity. At Bethlehem, Pa., air pressure has been used to cause a town fountain to spout. The water is forced through a pipe by means of the compressed air and rises to a height of more than two hundred feet. The use of the air obviates the necessity of a great water supply, and, according to competent authorities, air will be used to raise water to great altitudes for the purpose of extinguishing fires.

Another use to which compressed air has been put with much success is in the projecting of high explosives out of guns. The dynamite crusher Vesuvius is an example of what compressed air can do applied to warfare. From the bombardment of marine fortresses to the gentle arts of the dairy is a long step, but here again we find compressed air, this time turning the milking stool. N. H. Norbury of Coatsville, Minn., has invented a pneumatic cow milker, and the milkmaid seems fated to take her place in history beside Nero's fiddle, Cleopatra's asp and the man who struck Billy Patterson.

Take them
to-day and
you'll be well
to-morrow!
**Baldwin's
Cold Cure
Tablet No. 23B**
(cold in head)
No Cure No Pay 25c

Sent for Free Sample and Medical
Manual Baldwin San Francisco
FOR SALE BY BROCK & M'COMAS



Like Christmas Snow
Is the color of the shirts, collars and cuffs that are done up at the Domestic Laundry. Santa Claus knows a good thing when he sees it, and the faultless beauty of the linen laundered here will excite his admiration, as well as the man who loves to dress well and have his linen perfect in color and finish.

THE DOMESTIC LAUNDRY
J. F. Robinson, Prop. Telephone 60



Sold by JOHN SCHMIDT
The Louvre Saloon
PENDLETON OREGON.

Farmers Custom Mill
Fred Walters, Proprietor.

Capacity, 150 barrels a day.
Flour exchanged for wheat.
Flour, Mill Feed, Chopped Feed, etc., always on hand.

Silverware, Carvers and Chafing Dishes....

PRICES ARE LOW, QUALITY HIGH
Call in and examine my stock before
buying holiday presents.....

Taylor, the Hardware Man.

GOLDEN RULE HOTEL



Cor. Court and Johnson Streets. PENDLETON, OREGON

Byers' Best Flour...

To make good bread use Byers' Best Flour. It took first premium at the Chicago World's Fair, over all competition, and gives excellent satisfaction wherever used. Every sack is guaranteed. We have the best Steam Rolled Barley, Seed Rye and Beardless Barley.

Pendleton Roller Mills

W. S. BYERS Prop. Plan Sheets, Etc.

AMERICAN PLAN. Finest Hotel
\$3.00 per Day and Upwards. The Pacific Northwest



THE PORTLAND
PORTLAND, OREGON.
Special Rates to Eastern Oregon people visiting Portland. Headquarters for tourists and commercial travelers.
H. C. BOWERS, Manager.

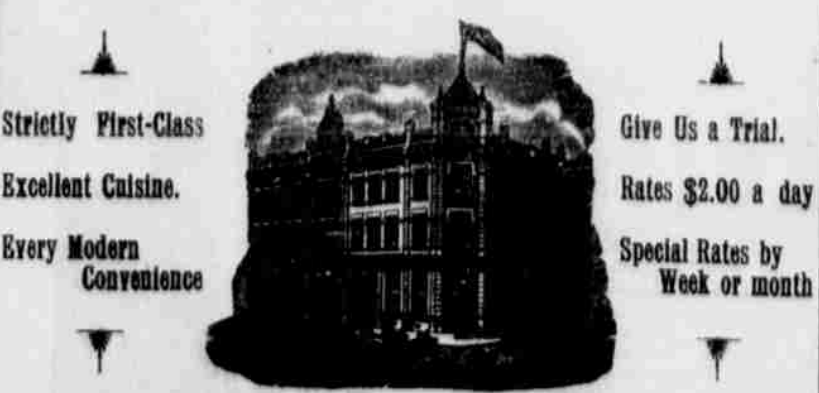
New Year's Presents

Here is the opportunity of a life time to buy your friends a New Year's present and buy it cheap.
I have an elegant line of unredeemed pledges consisting of ladies' and gents' watches, finger rings, earrings, and other jewelry which I am offering very cheap for the holiday trade.

Joe Basler.

HOTEL PENDLETON

Under New Management.



Strictly First-Class
Excellent Cuisine.
Every Modern Convenience
Give Us a Trial.
Rates \$2.00 a day
Special Rates by Week or month

Bar and Billiard Rooms. Headquarters for Traveling Men
The Best Hotel in Eastern Oregon.
Van Dran Bros., Props. Successors to J. E. Moore

GREAT CARPET SALE

To make room for new stock I will sell carpets and wall paper for cost, very near wholesale price. All 75c carpets at 65c, all 60c carpets at 50c. Elegant brussels carpets at 50c, others in same proportion. Fine line of Christmas goods consisting of Rugs, Pictures, Fine Looking Glass, Leather Couches and Rockers, Music Cabinets, the Famous Cyco ball-bearing Carpet Sweepers and the finest mattresses, quilts and pillow made of laminated cotton never get hard and don't forget the Famous Ball-bearing Rotary White Sewing Machine. Take no other.

Near Main St. Bridge.

JESSE FAILING

Have you a relative or friend in the East to whom you wish to send a

Christmas Present

Nothing would please them more than a

PENDLETON BLANKET OR AN INDIAN ROBE

The mill is now running an extra fine grade for the Christmas trade and merchants will shortly have a fine assortment from which to make selections

NEW LUMBER YARD.

We are now ready for business near Washington & Columbia River freight depot with a general assortment of lumber direct from our own saw mill, and can furnish anything promptly. Country orders in car loads shipped direct from our mill in carload lots at correct prices. Give us a call.

A.C. Shaw & Co.

W. J. SEWELL, Mgr.

Equal to any
in the world.

PILSNER BOTTLED BEER.

BREWERY'S OWN BOTTLING.
Highly recommended to family trade
Every bottle fully guaranteed.

Schultz Brewing Co.

ICE

Also Wholesale Agent for

SCHLITZ

MILWAUKEE

BEER

In bottles, barrels, or cases.

Call up
Telephone No. 5

H. KOPITKE.

Pendleton
Planing Mill
and Lumber Yard

Can sell cheaper than
any firm in the county
because they buy in large
quantities. If you need
lumber or any kind or
mill work call and get
their prices.

R. FORSTER, - Proprietor.
IF YOU WANT

A good livery rig call on us. If
you want a cab night or day let us
know. We'll be there.

ELVIN CRAIG, Proprietor. Depot Stable.

ATTORNEYS.

CARTER & RALEY, ATTORNEYS
Law, Office in Savings Bank Building,
Pendleton, Oregon.

BEAN & LOWELL, ATTORNEYS
Law, Room 11 Association Block, Pen-
dleton, Oregon.

T. G. HALEY, LAWYER, OFFICE
Judd Building, Pendleton, Oregon.

THOS. FITZGERALD, ATTORNEY
Law, Office in Association Block.

N. BERKELEY, ATTORNEY AT LAW
Office in Association Block.

E. J. BOYD, ATTORNEY AT LAW,
Court St.

JAMES A. FEE, LAW OFFICES IN
Judd Building.

PHYSICIANS.

DR. W. G. GGLE, OFFICE IN JUDG-
ment building, Office hours, 10 to 12 a.m.; 1
p.m. Telephone 77.

P. W. VINCENT, M.D., OFFICE IN
First National Bank, Office hours 10
a.m. to 3 p.m.

DR. C. J. SMITH, OFFICE OVER PEN-
dleton Savings Bank, Telephone 11.

H. E. GARFIELD, M.D., HOME PA-
thologist and Surgeon. Office in
Building, Telephone 11. Office, 112 W. 2nd
street, block 21.

DR. D. J. McPAIL, ROOM 12, ASSOCI-
ation block, Telephone 31; residence, 112
phone, block 11.

OSTEOPATHIC PHYSICIANS, DR.
Keyes & Keyes, Office, one block west of
Judd Building.

W. E. PERRY, PHYSICIAN AND SUR-
geon, Office, 112 W. 2nd street, block 11.

DR. LYNN K. BLAKESLEE, CHIRO-
practic, Office, 112 W. 2nd street, block 11.
Opp. Hotel, cor. Water and Main Sts., Pen-
dleton, Ore.

DENTISTS.

E. A. VAUGHAN, DENTIST, OFFICE
in Judd Building.

A. L. BEATTIE, D.D.S., OFFICE OVER
Savings Bank, (Gas administered).

E. A. MANN, DENTIST, IN ASSOCI-
ation Block, over F. B. Clapp's office.

ARCHITECTS AND BUILDERS.

T. F. HOWARD, ARCHITECT AND BUI-
lder, Office, 112 W. 2nd street, block 11.
Plans for buildings in the city or coun-
try, 17 Judd building.

D. A. MAY, CONTRACTOR AND
Builder, Estimates furnished on all kinds
of work, cement walks, stone walls, etc.
Orders can be left at the East Oregonian office.

BANKS AND BROKERS.

FIRST NATIONAL BANK OF PEN-
dleton, Capital, \$50,000; Transacts
general banking business, Exchange
and telegraphic transfers sold on Chicago,
San Francisco, New York and principal points
of the Northwest. Drafts drawn on London,
Paris and Europe. Makes collections on remittance
terms. Levi Ankeny, president; M. J. J.
vice-president; C. B. Wade, cashier; R. E.
Guerney, assistant cashier.

THE PENDLETON SAVINGS BANK
Pendleton, Oregon. Organized March 1, 1900.
Capital, \$50,000. Interest allowed on time
deposits. Exchange bought and sold on all
principal points. Special attention given to col-
lections. W. J. Furnish, president; J. S. J.
vice-president; T. J. Morris, cashier.

FIRST NATIONAL BANK OF ASTORIA
Oregon, Capital, \$50,000; surplus, \$25,000.
Interest on time deposits. Deals in foreign
exchange. Collections promptly made.
Hon. Henry C. Adams, president; H.
McArthur, vice-president; E. L. Barnett, cas-
hier; L. W. Barnett, assistant cashier.

THE FARMER'S BANK OF WESTON
Weston, Oregon. Does a general banking
business. Exchange bought and sold on all
principal points. Collections promptly made.
Officers: R. J. Jamison, president; Geo. W.
Probstel, vice-president; C. M. Pierce, cash-
ier; J. R. Kilgore, assistant cashier; directors,
O. A. Hartman, M. M. Johns, T. J. Price, C. W.
Graw, J. F. Kilgore, Robert Jamison, L. W.
Probstel.

A. B. STEPHENS & CO. DO SAWING
and contracting of all kinds. Wood sawed
on short notice. Leave orders with A. B. Smith
& Co. or with Van Ordall & Son.

Oregon Lumber Yard

...SELLS...

Lumber,
Lath,
Shingles,
Building Paper,
Tar Paper,
Mouldings,
Pickets,
Lime and Cement,
Brick and Sand,
Sash and Doors,
Screen Doors & Windows,
Terra Cotta Pipe.

Borie & Light, Prop's

Alta St., opp. Court House.

The East Oregonian is Eastern Ore-
gon's representative paper. It leads, and
the people appreciate it and show it by
their liberal patronage. It is the ad-
vancing medium of the section