#### Daily Democrat.

MAGNETISM OF IRON,

An important paper has been communicated by Prof Knott to the Edingburgh Royal Society on the magnetism of Iron by a current passing through it, the experiments being an attempt to obtain some insight in to the nature of circular magnetism as it exists in an iron wire carrying a current. For this purpose resort was had to tubes, in which such magnetization was measured by he Induction current produced in a coil wound longitudinally around the wall of the tube. The circular magnetization could be made to result either by an axial current along a copper wire threading the tube, or by a sectional current from end to end along the tube itself. Several tubes of differen bores were used in pairs, the induction, axial or sectional, in one, being balanced by adjustment of reinstances in the secondary circuits against the induction, axial or sectional, under the influence of the same current in the other. The average magnetic force acting round the tube was calculated in accordance with the usual assumptions, and this, taken along with the observed induction, gave an average permeability, the general result being that the sectional induction accompanying a given current is greater by about 7 per cent, than it would be if the usual theory as to the relation between it and the axial current were accurate. No such tests, it is believed, have ever before been made in this interesting field.

Governor Pennoyer of Oregon refuses the loan of state cannon to be used in celebrating the inauguration of Mr Cleveland whom he refers to as a Wall street pluto crat. Slowly but surely the truth is percolating through such human intelligence as recognizes the existence of Pennoyer that the man is an ass, and the impetus behind this growing knowledge is his bray. Ex

Clouds continue to form around storms in a continuous sheet, thickest near the centre of the storm, and thinnest and highest at its outer limits. The temperature is high in front of storms and low at their rear. The first indications of an approaching storm are the finely drawn out, fibrous clouds which may be 100 miles in advance of the

Norway, until the seventh century was governed by petty rulers. About 630 Olaf Trictelia, of the race of Odin termed Yoglings or youths, expelled from Sweeden established a colony in Vermeland, the nuc leus of a monarchy founded by his desend-ant, Halfdan III., the Black, a great warrior and legislator, whose memory was long

The highest velocity ever given to a cannon ball 's estimated at 1626 feet per second, being equal to a mile in 3.2 seconds. The velocity of the earth at the equator, due to its rotation on its axis, is 1000 miles per hour, o a mile in 3.6 seconds. Therefore if a can-non ball was fired due west, and could maintain its initial volocity, it would bear the sun in his apparent journey a ound the

An English inventor has constructed a novel device to do away with the enormous pressure of water against the bows of ocean steamers. It consists of one or more screws on each side of the bows, which throws the water aside and creates a dry well in front

At the present time the whole number of double stars known and recorded by astronomers is something over 10,000, far exceed ing the total number of stars visible to the naked eye in the entire firmnent (about 6000) and others are being frequently d'scovered by the great telescopes now in existence,

Lemons are used for soap in many countries where they grow. When the men and women of the East Indies want to wash their hands, they squeeze the juice of a lemon over them briskly in water until they are

A recent invention is a buoyant life-saving seat for ships. It is intended for a deck seat the upper and lower parts being made of buoyant material, so that, if thrown into the water, the apparatus will support several persons comfortably.

In Peru the coston plant rises to the distinction of a tree, instead of the comparatively diminutive shrub which grows in this country. The tree commences bearing when it is two years old, and continues to hear every year for 40 or 50 years.

In Vienna there is a club of rich men pledged to marry poor girls. It a member marries a rich girl he is fined \$2000, the money being presented to some worthy impecuations couple engaged to be married



WHAT TO DO IN CASE OF ACCIDENT

Prof Wilder of Cornell University gives the following short rules for action in case of accident, which it will be found useful to preserve or remember:

For dust in the eyes, avoid rubbing; dash water in them: remove cinders, etc, with the

round point of a lead pencil. Remove matter from the ear with tentd water; never put a hard instrument into the

If an artery is cut, compress above the

yound: if a velo compress below, If choked get upon all fours and cough For slight burns dip the part in cold water,

if the skin is destroyed cover with varnish Smother fire with carpets, etc; water will often spread ourning oil and increase danger Before passing through smoke take : full breath, and then stoop low; but if carbonic acid gas is suspected walk crect.

Suck poisoned wounds, unless your mouth is sore: enlarge the wound, or, better, cut out the part without delay; hold the wounded part as long as can be borne to a hot coa or end of a cigar,

In case of poleoning excite vomling by tickling the throat or by warm water and mustard. If in water, float on the back, with the

ose and mouth projecting. For apoplexy raise the head and body; for fainting lay the person flat.



Joseph Ruby Son of Harry K. Ruby, of Columbia, Pa. Suffered From Birth

### With a Severe Form of

Scrofula Humor "Until my boy was six years of ago he was from birth a terrible sufferer from scrotu-lous humor. Sores would appear on him and spread until as Large as a Dollar and then discharge, followed by others, so that the larger part of his body was one mass of sores all the time, especially severe on his legs and back of his ears and on his head. The humor had a very offensive odor, and caused

Intense Itching

Intense Itching

We cannot tell how that poor boy suffered in all those years. Physicians did not effect a cure. At last I decided to give him Hood's Sarsaparilla, as my druggist recommended it. In about two weeks the Sarsaparilla began to have effect. The sores commenced to heal up; the flesh began to look more natural and healthy. Then the scales came off and all ever his body new and healthy firsh and skin formed. When he had taken two bottles he was entirely tree from sores, having only the scars to show where they had been. These have all disappeared. We are unable to express our thanks for the good

Hood's Sarsaparilla has done our little boy." HARRY K. RUBY, Box 356, Columbia, Pennsylvania,

HOOD'S PILLS cure Constipation by restor-ing the peristaltic action of the allumentary canal.

\*\*\* GOOD NEWS OF For the millions of consumers of the Tutt's Pills.

11 gives Dr. Tutt pleasure to an-TINY LIVER PILL @

which is of exceedingly small size.

Syst rotations all the virtues of the starger ones. Guaranteed purely vegetable, Both sizes of these pills are still issued. The exact size of TUTYS THY LIVER PILLS is shown in the border of this "ad."

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#### STOCKHOLDER'S MEETING.

SIUCKHOLDER'S MEETING.

NOTICE IS HEREBY GIVEN THAT the annual meeting of the stock helders of the Abany Building and Loan Association will be held on Friday February 17th. 1803 at the hour of 7230 p m of said day. In the Bank of Oregon, in albany, Linn county, a secon for the purpose of electing nine directors and three sudditors, to serve for the term of one year next ensuing from said meeting, and until their successors are elected and qualified, and to transact such other business as may some before the association. Done by order of said association this 17th day of January, 1803.

CHSTEWART,
JAY W BLAIN, Sceretary

JAY W BLAIN, Secretary

POR SALE—A BARGAIN—A model steam is undry for sale, capacity in wash department \$50 per day; for 2 lands, lecated in Central Albany, on 2nd and Montgomery street. I wish to engage in other business. Will sell cheap J PSMITH Proprietor

#### FARMERS, ATTENTION

-W: YOU / NAME: A-

WACON HACK, BUGGY CART PLOW, HARROW, DRILL SEED-ER, FEED CUTTER,

or any kind of a Farm Implement or Ve

B. F. RAMP,

Oppealte Post Office, Albany, Or.

Cure for Cobis, Ferers and General De-binty, Small Ede Denta. The per bottle.

A NATURAL HAROMETER.

One of the most remarkable geological substances found in any part of the world is a stone believed to be peculiar to Finland, where it occurs in many localities, its peculiar property being that of a natural baromeror, curiously foretelling, by change of color, the probable character of the weather in the near future. It is known by the name of the semakuir, and is said to turn black before an approaching ruin, while in fine weather it is motted with spots of white. For a long time this interesting phenomenor was a mystery, but an analysis of the stone shows it to be a fossil mixed with clay and containing a portion of rock, salt and nitre. This fact being known, the explanation of the changes was easy; that is, the salt, abserbing the moisture, turned black when the conditions were favorable for rain, while the dryness of the atmosphere would as naturally bring out the salt from the interior of the stone in white spots on the surface.

Ashby & Carse, Real Ferate, 805 Wash-ington Street, Portland, Or.

Friendly Regard



is never entertained by the children for a medicine that tastes bad. This explains the popularity among

little ones of Scott's Emulsion,

a preparation of cod-liver oil almost as palatable as milk. Many mothers have grateful knowledge of its benefits to weak, sickly

ed by Scott & Bowns, N. Y. All druggists.

They increase appetite, purity t' - whole

#### WE ADVERTISE-TO INCREASE

Our business. We have the stock to fill orders and the facilities and reputation of giving a buyer his money's worth. We treat our patrons in a way that makes them our friends. This may catch some one who has not written to us when they have work to place. To these let us remind not to neglect us, as we may do you good. We are quoting special prices these close times

SMILEY, 3

THE LEADING PRINTER,

Flinn Block, ALBANY, OR.

### ANDERSON & ANDRERSON

CITY LAUNDRY.

Opposite St Charles Hotel Bed cotaing and lace curtains well attended to.

Starch work a specialty.

Branch office at Moses' barber shop aundry closed evenings at 7:30 o'clock

## FOR THE

CHEAPEST, GOOD FITTING READY MADE SUIT OF CLOTHES,

F. L. DUMONT,

. The Clothier and Merchant Tailor," -On Lyon Street, ne First,-

See what a bargain you can get there for your cash money.
Also suits made to order, cleaning, dyeing and repairing

Satisfaction guaranteed,

L. DeMONT, .

#### ANNUAL MEETING.

NOTICE is hereby eiven that the annual meeting of the stockholders of the Albany Building Association will be held at store of J Gradwohl, in Albany on Monday, March 20th, 1883, at 7.39 pm for the election of directors, rnd such, o.her business as may come before the meeting. Pated Feb 8th, 1893.

W C TWEEDALE. FP NUTTING.
W C TWEEDALE. Secre ary.

President.

#### STOCKHOLDER'S MEFTING,

Notice is HEREBY GIVEN THAT TCTICE IS HEREBY GIVEN THAT
there will be a meeting of the stock
holders of the Odd Fellows Hall Building
Association, held in their office in Albany, Oregon, on Monday, the 6th Albany, Oregon, on Monday, the 6th Albany of March, 1853, at the hour of 7 oblicek p
m of sald day, for the purpose of electing
seven directors to serve for the ensuing
year, and to transact any other business
that may come before said meeting.

Dated this 6th day of February, 1893.

W. C. TWEEDALE.
E. A. Parker.

E A Parker.

FOR SALE CHEAP - A read cart and single harness, both new, Callon G.F. Russell, county school superinten-

R. M. STONE

Architect and Contractor.

Leave orders with Hulburt Bros., Real

TWO MEN AND ONE BOY FOUND DEAD!



While trying to Crowd their

#### FROMAN BROS.

Store, where they always have on hand the largest Stock south of Portland, of the latest improved Rifles and Shot Guns; an immense stock of Fishing Tackle of every description; Tents, Han, mocks, Camp Chairs and thousands of other things too numerous to mention.

Repair Shop

in connection with the Store, and one of the best workmen in the State to do any and all kinds of work,

Come one Come all. No trouble to show goods. "Small profit and quick sules" is our motto.

#### Star Bakery

CorBroadalbin and First Ste

O I I MEYER, PROPRIETOR,

Canned Fruits, Canned Mea Glassware. Queensware Orled Fruits, Vegetables, Tobacco, Cigars Sugar. Spices. Tea, Coffee, Etc., Etc.,

In fact everything that is kept in a gener variety and gaovery store, Highest market price paid for

ALL KINDS OF PRODUCE

### WANTED

At the store formerly owned by

Allen Bros., BUTTER, EGGS, LARD

BAUON. and CHOICE APPLES for which I will pay the best cash price

S F RAMP

# CARPET DEPARTMENT.

WELL STOCKED WITH THE CHOICEST

CARPETS! MATTINGS, CIL CLAIRS. DRAPERIES LINCLEUMS, JULIA NS

OF THIS SEASON'S NOVELTIES AND

### PRICES UNEQUALED IN THIS MARKET

Samuel E. Young

# PUMPS! PUMPS! PUMPS!

We are general agents for the celebrated Myers Force and Lift Pumps, also the Rumsey Force and Lit Pumps. We guarantee these pumps to give perfect satisfaction or no sale. We also guarantee them superior to any other pump in the market.

We also carry the largest stock of Farm Implements and Vehicles to be found in the valley. Give us a call.



MITCHELL, LEWIS & STAVER CO. 257 2nd & Elisworth st, Albany, Or

# ALBANY NURSERIES

ALBERT BROWNELL (Successor to Hyman & Brownell, Proprietor.)

OFFICE AND PACKING GROUNDS ONE HALF MILE WEST OF THE city. We would call the attention of our friends to the face that we are better prepared than ever before to furnish everything in the shape of Fruit, Shade and Ornamental trees, Small Fruit vines, etc., at either wholesale or retall. Our steek is first-class, guaranteed true to name and free 'om inspect pests, and our prices low. C. F. Brawnell is now alty meent and careful with him, at his store will receive prompt and careful attention. Come and see me or write for free chaldenges.

ALBERT BROWNELL,

Five Departments: Business, Shorthand, Typescriting, Penma



## Red Crown Mills

ISOM & LANNING, PROPRIETORS AND BAKERS USB.

STATE STORAGE CLOSE IS

5500 Reward

I'll may the allows reward for any re-C Dystypias, Sick Brackartis, Indig-r Condiversion we expect core we show this, when the directions with. They are purely Vocatholes researched them, \$2.5 Const. La-ter with the condition of the condi-