

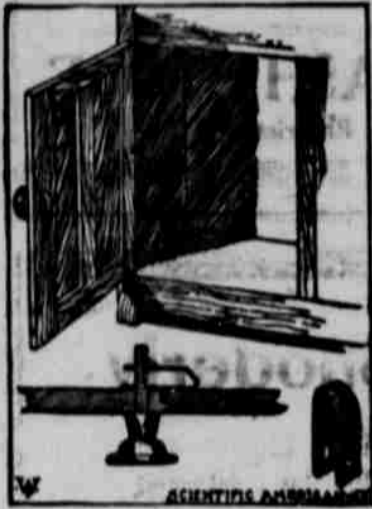
AN IMPROVED LATCH.

Simple Door Fastening That Overcomes Some Common Defects.

A very useful improvement in latches of the button type, used in fastening cupboard and closet doors, has just been invented by F. W. Merrivether of Kansas City, Mo. The object of the invention is to provide a simple construction which will hold the door tightly closed and prevent any shake or looseness between the door and latch when the latter is applied.

The invention also provides for the convenient adjustment of the tension on the button, whereby the stiffness of the latch may be varied. It is a very common defect of the usual wooden buttons to work loose and swing clear of the door of their own gravity. This defect is overcome by Mr. Merrivether's invention. The illustration clearly shows how this is accomplished.

A knob or handle of any desired form is rigidly attached to a shank which



NEW BUTTON LATCH.

passes through an opening in the door. The projecting inner end of the shank is angular in cross section and is provided with ratchet teeth cut in one of its edges. The button of the latch is constructed of a strip of spring sheet metal bent upon itself to provide a pair of spring arms which are spaced apart and have aligning openings adapted to elastically engage with the shank.

A tongue cut from the upper arm is bent upwardly to engage with the ratchet teeth when the button is applied to the shank. It is obvious from this construction that on forcing the spring arms together the force with which the knob and button are pressed against opposite faces of the door may be varied as desired, thus enabling the stiffness of the latch to be increased or decreased at pleasure.

REMARKABLE BEETLE.

Luminous Brazilian Insect Emits Light of Two Colors.

At a recent meeting of the London Zoological Society C. J. Gahan exhibited a specimen of a remarkable luminous beetle from Brazil. As in the case of the familiar glowworm, which is also a beetle, the female is grubs-like and luminous. The special point of interest in the Brazilian species is that it emits light of two colors. From the extremities of the insect there shines a strong red light, while green rays proceed from a row of points on each side. Those who consider that the lamp of the female glowworm is to guide the male as to her whereabouts will be inclined to think that the combination of red and green light is to enable the male of the Brazilian beetle to distinguish his mate from other luminous insects.

The specimen exhibited to the members of the Zoological Society is thought to be the first living specimen ever brought to Great Britain. It has been pointed out that the light of glowworms and fireflies is the model for the ideal light—that is to say, in those insects the maximum amount of light is produced with the minimum amount of energy.

THE OCEAN CURRENTS.

Vagaries of the Streams That Begin and End in the Sea.

There are as many vagaries in the water as in the wind. Why, for instance, should three great ocean currents send their warm waters across the wide Pacific, Atlantic and across the Cape of Good Hope? Many theories have been advanced to solve the problem of their origin, but all have proved fallacious.

Other and equally mysterious currents exist in well nigh all parts of the world. The tides are so erratic in different parts of the world that one hesitates to accept the theory that the moon controls them in all cases, says Wissen for Alle. It is on record that the sea has run for weeks out of the Java sea through the strait of Sunda and thence back again for a like period without any perceptible rise or fall during those times.

Then there is the equatorial current that flows into the Caribbean sea, the overflowing current to the eastward around Cape Horn, the cold stream flowing from the icy regions of the north past Newfoundland and Nova Scotia and along the American coast to the extreme end of Florida, the continual current running with a velocity of from four to five knots an hour through the strait of Gibraltar into the Mediterranean sea, the swift current running across the rocks and shoals of the end of Billiton Island, which apparently starts from nowhere and ends somewhere in the vicinity of the same place, and the current which, starting halfway up the China sea, runs from two to three knots an hour to the north and finally ends abruptly at the north end of Luzon.

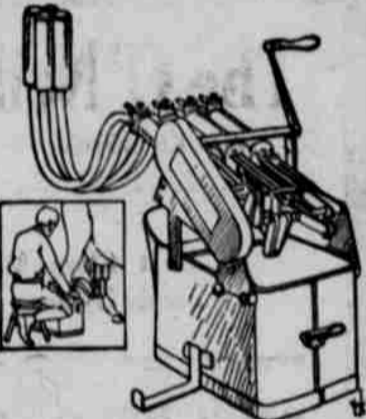
Then we have those tidal vagaries known the world over as bore. Residents along the North sea are familiar with them and can see them run from side to side in a zigzag shape until they reach their limit, often tearing the ships from their anchorages. They originate nobody knows where or why.

The rush of waters in the bay of Fundy is nothing but a huge bore sweeping all before it up to the head of the bay until the western waters have risen to the height of fifty or sixty feet. Off Southampton, in England, there are the double tides, while at Singapore it has been observed for days at a time that there have been but one rise and fall in the twenty-four hours. The tides may be and very often appear as though they were "moonstruck," but they are certainly not controlled with hard and fast rules by that or any other body.

MACHINE THAT MILKS.

Mechanical Milker Designed to Save Labor on Dairy Farms.

A very simple mechanical milker is being used in Europe, and reports indicate better results than have been secured from any other of the several milking machines, says Popular Mechanics. It is so simple a boy ten years of age can easily operate it. It consists of four pumps, which work in succession, one after another, and at the same speed as a person milking by hand. Each pump is connected



MECHANICAL MILKER.

by a short rubber tube to a teat cup, of which there are four. The milk has only a short distance to travel and discharges directly into the pail to which the machine is fastened.

The operator sits on a stool and turns a crank at the rate of forty-five revolutions per minute. The suction of any one of the pumps can be increased or decreased by turning a thumbscrew which controls the air passage. As soon as one teat is milked the suction is cut off and the cup removed, while the other pumps continue working. Where several machines are used in one place power through flexible shafting (one-tenth horsepower to each machine) may be used. With power one operator can superintend several machines. The device has been patented in all countries.

The Material of a Man.

German scientists announce that the material for a man weighing 154 pounds can be found in the white and yolk of 1,200 hens' eggs. Reduced to fluid the average man would yield ninety-eight cubic meters of illuminating gas and hydrogen enough to fill a balloon capable of lifting 154 pounds. The normal human body has in it the iron needed to make seven large nails, the fat for fourteen pounds of candles, the carbon of sixty-four gross of crumpled paper, enough for 820,000 matches. Out of it can be obtained besides twenty coffee spoonsful of salt, fifty lumps of sugar and forty-two liters of water.

Joining Iron to Marble.

Cement for fastening iron to marble may be made of thirty parts of plaster of paris, ten parts of iron filings and one part of sal ammoniac mixed with vinegar to a fluid state. As the mixture hardens quickly it must be prepared for immediate use, says the London Engineer.

Try our Fancy Patent Flour J. E. Stewart & Co.

Men's Suits, Hats and general Furnishings at about half price at J. E. Stewart & Co.

Stump Grubbers for Sale.

Two stump grubbers for sale cheap. One No. 2, fully equipped; one No. 3, fully equipped. Both in first-class condition. For further particulars address George Hobbs, Bend, Oregon. 3-12-1m

"How did Jones make his pile?" "Judicious speculation."

"And how did Brown lose his?" "Dabbling in stocks."

Pat-An' did you have a good time last night? Mike—Sure. We went out and painted the town green—Cleveland Leader.

If there were more kissing done at home and less at the railroad depot, life in the married state would have more luster.—Palmyra Items.

"Aren't you ashamed to beg?" "Sometimes, mum. When I find how stony people are I fairly blush for them."

Mrs. McSpatt—Isn't it remarkable how many men mysteriously disappear? Mr. McSpott—Oh, I don't know. Most of 'em are married.

The Long Haired One—You know, a poet is a prophet.

The Scold One—Not to his publishers.—Baltimore American.

Hemp is a Philippine natural monopoly. It cannot be grown profitably in any other part of the world. The United States is the largest consumer.

Riches don't amount to so much. Some of the happiest, most fortunate people we know are poor.—Athlone Globe.

"Was his flying machine a success?" "Oh, yes. It failed to work before it got far enough up to hurt him."—Pearson's Weekly.

"Doctor, you have saved my life! I feel that I can never repay you!" "I feel that I'll see you if you don't."—Houston Post.

"Pa, did you ever hear money talk?" "Yes."

"What did it say?" "Goodly!"—Exchange.

Mrs. Black—Nothing that mother eats agrees with her.

Black—Food seems to have human intelligence.—Town Topics.

Church—Did you ever try any of those "close to nature" methods? Gotham—Well, I've used a porous plaster.—Yonkers Statesman.

Astronomer—There are many stars that are never seen. Theatrical manager—Yes, and there are a lot that ought never to be seen.

"I cannot understand why a man's wife is called his 'better half'."

"You would if you had to divide your salary with one."

"Do you approve of working Sunday?" "Certainly not," replied the man addressed. "Why make an exception of Sunday?"—Philadelphia Ledger.

A mustard plaster is not a very poetic subject; but, ah, how warmly it appeals to a man's feelings!—Philadelphia Inquirer.

Possibly the idea has got abroad among poets that the sea waves are sad because the ocean is so very blue at times.

The relative strength of the fleets of the powers is stated to be in the following order: Great Britain, United States, France, Germany and Japan.

In ancient and more simple times it was the custom never to shave. For 100 years there was no such thing as a barber heard of in Rome.

Wise—Poor Burroughs! He's worrying a great deal about debts—Newitt—Nonsense! You'll never catch him worrying because he can't pay his debts.

Wise—He's not worrying about old debts he can't pay, but about new ones he can't contract.—Philadelphia Press.

Lawyer—Well, aunt, what can I do for you? Aunt Eboay—I want a deev'ee from ma husband.

"What has he been doing?" "Doin'." "Why, he done got relig'n, an' we ain't had a chicken on de table for a month!"

There is no dish in the world that so rigidly requires to be eaten hot as steak. Some wag has said: "A cold cup of coffee, cold butter cakes, the cold shoulder, a cool reception—all are tolerable—we can use philosophy and forget them—but a cold steak is abominable. It is barbarous."

The French method of administering castor oil to ailing children is characteristic. The oil is poured into a pan over a moderate fire, an egg broken into it and the mixture well stirred. The omelet thus made is served with a little salt, sugar or a spoonful of currant jelly.

"Do you think, Miss Gertrude," inquired a decidedly rapid young man conceitedly, "it would be foolish for me to marry a girl who was my inferior intellectually?" "More than foolish," answered Gertrude sweetly—"it would be impossible."—Rehoboth Sunday Herald.

Pond Mother (to her precious son, aged twelve years)—Willie, what would you like to give your cousin Harry for his birthday?

Willie (who has his own opinion of Cousin Harry, aged sixteen)—I know what I'd like to give him, but I ain't big enough.—London Judy.

"The French are awfully stupid."

"Why, I always heard they were very clever people."

"Well, they aren't. I was the best French scholar in our class, and yet when I went to Paris they couldn't understand a word that I said."—London Telegraph.

"George, I saw that Singleton was out today carrying the silk umbrella that she borrowed from me at the party."

"Why didn't you ask for it?" "I was just going to when I remembered that I borrowed it from a trumper."—Cleveland Plain Dealer.

Joining Iron to Marble.

Cement for fastening iron to marble may be made of thirty parts of plaster of paris, ten parts of iron filings and one part of sal ammoniac mixed with vinegar to a fluid state. As the mixture hardens quickly it must be prepared for immediate use, says the London Engineer.

Try our Fancy Patent Flour J. E. Stewart & Co.

Men's Suits, Hats and general Furnishings at about half price at J. E. Stewart & Co.

Stump Grubbers for Sale.

Two stump grubbers for sale cheap. One No. 2, fully equipped; one No. 3, fully equipped. Both in first-class condition. For further particulars address George Hobbs, Bend, Oregon. 3-12-1m

Two lots in Prineville for sale at a bargain. Address John Bino, Shelburn, Oregon. 3-12 Imp

Professional Cards.

M. E. Brink
Lawyer
A street, Prineville, Oregon.

C. C. Briz
Attorney-at-Law
Real Estate
Office with Geo. W. Herbes
Prineville, Oregon.

M. R. Elliott
Attorney-at-Law
Prineville, Oregon.

E. O. Hyde
Physician and Surgeon
CALLS ANSWERED PROMPTLY DAY OR NIGHT
OFFICE ONE DOOR SOUTH OF ADAMSON'S
DRUG STORE. Both office and residence telephones.
Prineville, Oregon.

M. R. Biggs
Attorney-at-Law
Prineville, Oregon.

Chas. S. Edwards, H. P. Bolknap
County Physicians
Bolknap & Edwards
Physicians and Surgeons.
Office First Door East of Winick's
Drug Store.
Prineville, Oregon.

J. K. Rosenberg
Physician and Surgeon
Calls answered promptly day or night
Office two doors south of Completion's
Drug Store. Residence corner
1st and Main Streets.
Prineville, Oregon.

For Irrigated Farms and Fruit Lands
in the Deschutes Valley write
H. F. JONES,
Redmond, Oregon.

PERFECT PRINTING PLATES
IN ONE OR MANY COLORS
LARGEST FACILITIES IN THE WEST FOR THE PRODUCTION OF HIGH GRADE WORK
RATES AS LOW AS EASTERN HOUSES
HICKS CHATFIELD ENGRAVING CO.
217 N. GARDNER ST. PORTLAND, ORE.

Henderson & Pollard
Wines and Liquors
Finest Cigars In Stock
Country Orders Solicited
First Door South of the Poindexter Hotel

Selling It At Cost
As we are arranging to manufacture at home this line of housefurnishings, in order to close out the stock now on hand we are selling all the goods made by the Pacific Coast Manufacturing Company

AT ACTUAL COST
This gives you a chance to make a big saving in the purchase of any of the following articles

Iron Beds, Springs, Mattresses
Pillows, Dressers, Chiffoniers
Washstands, Commodes
Sofas, Couches and Lounges

A. H. LIPPMAN & CO
PRINEVILLE, OREGON

IF you think a minute, you'll realize that as many people see your back as your front. The cut of your coat the hang of it, the way it fits the back—you can't see it yourself, but a lot of other people can. You want it right; and we offer you the clothes that will make it right. They're made by Hart Schaffner & Marx

and there are no better clothes made. We show you here the back of one of our Varsity models; very smart; look that way on you

This store is the home of Hart Schaffner & Marx clothes

Every Suit Guaranteed 100 per cent wool

Foster & Hyde
Up-To-Date Furnishers

Copyright 1908 by Hart Schaffner & Marx

Spring Millinery

Latest styles in Spring Hats for Ladies, Misses and Children. Goods selected by an experienced buyer and are strictly up to date.

Mrs. Estes' Millinery Parlors
Corner Second and Main Sts.

BANDON
"BY THE SEA"
Money there for you, \$50,000 pay roll monthly. A country of rich resources. Ideal climate and scenic beach. The finest home-sites now on sale, prices are low, terms easy.
Live Agent Wanted in your county. Write at once for handsome booklet and full particulars.
The Warren Publicity Co., Suite 406 Buchanan Bld., Portland, Or.

ENGLISH SHIRE STALLION
Blaisdon Standard 8623
Will be kept at the Hamilton Stables in Prineville for service until about May 15. For terms see groom in charge.

Blaisdon Standard is four years old and weighs 1880 pounds. He was imported by us from the estate of the famous Peter Stubbs of Glos, England, and was a blue-ribbon winner in the best horse shows in England. There is no better Shire blood in the world than that of the Blaisdon pedigree.

Baldwin Sheep & Land Company
OWNERS
Haycreek, Oregon

JACK FOR SERVICE
MALTESE JACK, NAMED
"JO"
WEIGHT 900 POUNDS

Will stand for service at the Dillon Feed Yard. This Jack is 8 years old. Insurance \$10. Will be in Prineville April 28

DAVID ELLIOTT

Report of the condition of
The First National Bank
Of Prineville, Oregon
At the close of business February 14, 1908

RESOURCES	LIABILITIES
Loans and Discounts.....\$20,944 58	Capital Stock.....\$ 50,000 00
United States Bonds..... 12,500 00	Surplus and undivided profits 57,000 00
Bank premises..... 12,000 12	Circulation..... 12,500 00
Due from banks sub to ck 94,184 80	Individual Deposits..... 303,500 00
Cash on hand..... 80,270 80	Dividends paid..... 3,170 00
Redemption fund..... 625 00	
	\$774,700 58

B. F. Allen, President
Will Wurzweller, Vice-President
T. M. Baldwin, Cashier
H. Baldwin, Asst. Cashier

E. C. PARK
Importer and breeder of pure-bred
Poland China Hogs and Black
Langshan Chickens
Young stock for sale. Address
Redmond, Oregon.

Royal Insurance Co.
Not Welchers.
Paid dollar for dollar in the
Frisco conflagration.
J. E. STEWART, Agt.