Daily Mountaineer.

A NEW METHOD OF PULVERIZING ORES.

The Monitor (Alpine county) Ga-zette gives the following description of some machinery for a quartz mill with s capacity to pulverize 25 tons daily. The machinery is on the ground, and the Boston Company are about to put

The machinery consists first of a crusher, weighing complete with shaft and pulley one ton. With fifteen horse power, making 1,023 revolutions per minute. One of these machines will crush gravel size fifteen tons of ordinary quartz per hour-requiring one man to attend the crusher and two to handle the ore. It consists of a circular table or disc of cast iron, three and a half feet across, with four blades or angular blocks of bard metal on its upper surface near the edge. This table, weighing several hundred pounds is made to whirl with great velocity in the bottom of a cast-iron tub, the sides of which are pierced with holes an inch in diameter. The rock is thrown into the tub against the blades, and is knocked and beat about until it is small enough to escape through the perforations in the side, when it falls into a wooden chamber ten feet square, from which it is taken out by a shute, and fed into the next machine in order-the pulverizer-which consists of a drum or hollow cylinder of cast iron about three and a half feet in diameter, eighteen inches wide, and weighing about one ton, fixed in strong timber work upon solid masonry. The cylinder rests its side with a horizontal shaft passing through its axis. This shaft, driven by a band and pully, carries inside the drum at a speed of 1,023 revolutions per minute, a wheel of iron exactly resembling the side wheel of a river steamer, the paddles being of chilled iron of peculiar con struction, and patented. This wheel as in fact an air wheel, and not a crusher or breaker, therefore the material must be broken fine by the crusher before being introduced to the pulver-

The reduction is not done by rubbing or grinding, but by blows given by the paddie-wheel, by the attrition of the particles one against another, and by the action of the vortices of air created within the cylinder by the rapid motion of the paddles. The air is admitted with the finely broken quartz, through a central hole in one head of the cylinder and delivered at the other end through a similar hole, the fineness of the pulverization being graduated by the admission of more or less air; the current may be made strong enough to carry away the mas terial when no finer than ordinary corn meal, or it may be so moderated that it passes out in so fine a dust that with out the vse of the spray-wheel in the chamber to which it is introduced, many hours would be required for it to settle. Thus the whole mass may be reduced to a fineness not attainable even by any pan process, and with this great advantage over any other plan, the gold and silver contained in the ore in a metallic state is found on examination under the microscope to have beaten and rolled into spheroidal pellets, like small shot, instead of being rubbed into scales, as by the stamp pan process, therefore to float away during the process of washing and amalgamation, which is the third and last stage in this Boston chain of processes, a description of which we are now unable to give, but it is said to be a decided improvement over any others now in use. One of the pulverizers requires twelve horse power, and is capable of reducing 1,500 to 1,000 pounds of quartz per hour, the entire yield being fit for amalgamation. Thus it will be seen one crusher will supply twenty pulverizers, or if less be used the power ordinarily used in amalgamating may be devoted an hour or more each day to the crusher, and all the work earried on

with comparatively small power.

SPRING AND SUMMER GOODS.

DUSENBERY & BROS., Dalles and Walla Walla,

Staple and Fancy Dry Goods. Miners' Outfits, Boots and Shoes,

Clothing, Hats and Caps,

Groceries. And a full assertment of General Merchandiae. Buying our Goods exclusively in the San Francisco market, and making none but cash purchases, we are enabled to se I 20 per cent, cheaper than any other House at the Dalles, DUSEN REALY & BROS., ml-tf Dalles and Walla Walla.

HOW TO SAVE MONEY!

Family Grocery and Fruit Store,

Corner of Washington and Second Streets. THE UNDERSIGNED WISHES TO INFORM THE people of the Dalles, and the public generally, that he has a large and well selected stock of

FAMILY GROCERIES,

CANDIES, NUTS, &c.,
Which he will sell Wholesale and Retail at Reduced
Prices for CASH. Also, constantly on hand the Choicest
Article of FRESH BUTTER and EGGS. Also, every
variety of FRUITS and VEGETABLES in their season
Persons from up the country, wishing quantities of
Eggs and Fruit, by sending in their orders, will receive
the strictest attention, and have them filled at the Lowest
Market Prices. [jvil-tr] C. L. JEWELL.

SHERIFF'S SALE.

SHERIFF'S SALE.

Y VIRTUE OF AN EXECUTION ISSUED BY THE Clerk of the Circuit Court of the State of Oregon, in and for Grant county, and to me directed, in favor of Thomas H. Brents, C. Castie & D. Saltonstall, Plaintiffs, and against N. A. Townsend, Defondant, for the sum of Taree Hundred and Ninety- ne and f-urteen hundred the dollars (Sall 14) principal, with interest, costs and disbursements, and costs of execution and sale, I have this 27th day of Rovember, 1865, levied upon, and will sell at public auction, before the Court House door in Canyon City, the County seat of Grant county, to the highest bidder for cash in hand, on the 30th day of December, 1866, between the hours of 12 and 2 o'clock P. M., the following described property, to-wit:

The one-third undivided interest in the Townsend Ranch, and improvements fixed thereon, said Ranch lying and being in Marysville Precinct, county above written.

Canyon City, Nov. 27th, 1866, de8.4t Sheriff.

Sheriff's Sale of Real Estate.

Sheriff's Sale of Real Estate.

PY VIATUE OF AN EXECUTION AND DECREE of Foreclesure of Merigage, issued by the Clerk of the Circuit Court of Grant county. State of Oregon, in and for the curuity of Grant, and to me directed, in favor of E. J. W. Stemme and F. C. Sels, plaintiffs, and against A. F. Toothaker, defendant, for the sum of sight hundred and thirty-one dollars and fifty cents (\$831.50) principal, with interest, costs and disburaments, costs of execution and sale, I have this 27 h day of Nov mber, 1865, levied apon, and will sail before the Court House door in Canyon City, the county seat of Grant caunty, to the highest bidder for each in hand, on Esturday the 30th day of December, 1865, between the hours of 12 and 1 o'clock p. m. the following described property, to-wit:

The Saw-mill, fixtures and water-right, the dwelling house and stable, the land and timber privilege, pertaining to the said asw-mill, situate and lying in Prairie Duggings, in Maryaville Precinct, said county of Grant.

M. P. BERRY,
Canyon City, Nov. 27, 1865.

Can Secret Secret County Forecast Secret County Coun

Sheriff's Sale of Real Estate.

Sheriff's Sale of Real Estate.

BY VIRTUE OF AN EXECUTION ISSUED BY THE Clerk of the Circuit Court, and to me directed, in favor of A. Vallard & R. H. Landale, plaintiffs, and against F. Gavard et al., defendants, for the sum of Thirty-nine and fourteen hundredtha dollars, (\$39 14) principal with interest, costs and disbursements, and sits of execution and sale, I have this 27th day of November, 1866, levied upon, and will sell at public action, before the Court House door in Canyon City, the county seat of Grant seanity, State of Oregon, to the highest bidder for cash in hand, on Saturday, the 30th day of December, between he hours of 12 and 2 o'clock p. m., the following Real Estate, to-wit:

The House and Lot situate on the east side of Washington street, in Canyon City, and known as the French Bakery; said to be leng 20 feet front on Washington street, thence south 100 feet, thence west 40 feet, thence north 80 feet, thence west to Washington street.

M. P. RERRY, Canyon City, Nov. 27, 1865. de844 Sheriff.

Canyon City, Nov. 27, 1865. de8:4t Sheriff.

Canyon City, Nov. 27, 1865. de884 Sheriff.

Divorce Notice.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF WASCO.

Maria L. F. Beaserer, Plaintiff,

Charles C. Besserer, Defendant.

Payo CHARLES C. BESSERER, defendant: In the lamb of the State of Oregon you are hereby summoned and required to appear and answer the complaint of the above named plaintiff, now on file in the office of the clore of the summons, if served within this County, and twenty days it served within any other county in this State, the said plaintiff will apply to the Court for the relief prayed for in said complaint, and will take judgment against you for costs, disbursements and expenses in this suit. By order of J. G. Wilson, Judge.

D. N. DENNY, Solicitor for Plaintiff, November 3, 1865.

November 3, 1805.

Divorce Notice.

IN THE CIRCUIT COUNT OF THE STATE OF OREGON FOR THE COUNTY OF WASCO.

Harriot E. Shipman, Plaintiff,

Devorce.

David E. Shipman, Defendant.

Devorce.

Divorce.

DR. B. W. MITCHELL.

OFFICE-WALDRON'S BUILDING. RESIDENCE-Corner of Third and Washington Street

HAKE



Manufacturer and Importer of CARRIAGE, CONCORD, BUGG!

STAGE HARNESS Saddles, Bridles, Whips.

A general assortment of Saddlery, Hardware, Leather, etc. Orders Solicited. Repairing done with neatness and dispatch. F. A. HAKE, spellif Main Street, fronting Washington, Dalles.

PORTLAND FOUNDRY MACHINE SHOP,

WACHINE SHOP,
FIRST STREET, between Yambill and Morrison.
Geam Engines
offrom 4 to 40 horsepower, either Portable or
Stationary. Also, CIRCULAR SAW MILLS
COMPLETE, constantly
on hand. Also, Hay Presses of all sizes; Planing
Machines, (Woodworth's
pattern.) Wrought and
Cast Iron work for Vertical Sawand Grist mitls
Brass and Iron Castings
and

WROUGHT IRON WORK

of every description. I am also prepared to furnish Quartz Mills complete, of the Latest & most Improved Patterns.

These Mills can beforwarded to any part of the mines the weight of the entire machinery will not exceed 3,

Horse Powers & Agricultural Implements manufactured to order at the very LOWEST CASH PRICE N. B.—Particulor attention paid to REPAIRS, 620-11

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S. SAVAGE HOUSE AND SIGN PAINTER. DEALER IN



Colors, Putty, Brushes, Glue, etc. Paper Hangings, Window Shades, Fixtures, &c. 1-tf DALLES CITY DRUG STORE.

P. CRAIG, WHOLESALS AND RETAIL

DEALER IN DRUGS. MEDICINES,

Perfumery, Fancy Soaps,
PATENT MEDICINES, &c.

DRUGS AND PATENT MEDICINES!! DRUGS AND PATENT MEDICINES!! DRUGS AND PATENT MEDICINES!!



Washington Street, between Main and Second Streets DALLES, OREGON.

LEMON is able to supply parties is want of Drugs, Patent Medicines. Chemicals, Acids, Perfumery, and every other article commercated with the WHOLESALE DRUG BUSINESS,

At the lowest market rates.

**Bar Physicians and Morchants intending to purchase for the Mines, will do well to give him a call.

TRUSSES & SHOULDER BRACES In great variety. ap. 3:tf. Washington St., between Main adn Second.

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M. Wunsch & Co., WILL CLOSE OUT THEIR STOCK OF MERCHAN-DISE, at their place of business, at the Dalles, in order to go the Mines. Their stock embraces— Dry Goods, Clothing, Boots, Hats

GENERAL MERCHANDISE,

All which will be sold at COST, for CASH only.

All who know themselves indebted to our firm at the Dalles will please call and settle as soon as possible. Those who have been accommodated we trust will not delay us unnecessarily, but be prompt in squaring up accounts. Call and see us, all and everyholy!

M. WUNSCH & CO.

MANTUA MAKER.

RS. MATTIE HOLBROOK would respectfully in-form the Ladies of the Dalles and vicinity, that she has opened a shop in connection with Miss O'Rourke, where she is prepared to do all kinds of work with neat-ness and dispatch. Having just arrived from the East, she hopes to be able to please all as to Form and Fashion Cloaks, Coats and Dresses Cut to Order. THREE DOORS West of the Corner of THIRD and NION Streets

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DALLES OREGON. JOB PRINTING OF EVERY VARIETY

IN A STYLE THAT WILL COMPARE FAVORABLY with the very best, and AT RATES AS CHEAP AS THE CHEAPEST

Cards and Bill-Heads. CHECKS, DRAFTS, RECEIPTS.

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DECORATIVEPRINTING In the most beautiful Colors, Shades and Tine

Such as Fancy Posting Bills!

From a single Sheet to the Largest Machaneth,

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Are unsurpassed by those of any other establishment in

Oregon. We devote special attention to this branch of the
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NEW TYPES, BORDERS, ORNAMENTS.

Of the most modern and slabovate designs. Our stock of FANCY INKS, TINTS, &C.,

Are of the finest quality, and for richness of color and durability, cannot be equaled in the State.

The principle upon which business is asked for this establishment is, that persons will consult their own interests, by awarding their custom to that office in which their money can be expended to the best advantage. Tethis end we solicit all in want of good Printing, at very ressonable charges, to call and examine specimens, and judge for yourselves.

Orders from the Upper Country Will have our special care, and friends from the interior may rely upon having their orders filled promptly, as we HAVE THE ONLY IMPROVED GORDON POWER PRESS

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HILL & KANE,

Groceries, Dry Goods, Liquors AGRICULTURAL IMPLEMENTS. STORAGE AND FORWARDING.
Goods consigned to us will meet with proper attention

PORTLAND.

H. W. Corbet,
Richarls & McCracken,
H. Law,
O, Humason.

Umatilia Landing, Sept. 6th, 1863.

DR. DAVY'S SPECIFIC COMPOUND, An Expeditions Cure for all diseases of the

SEXUAL ORGANS.

It is prompt and effications itemedy for the cure. Ghonorres, Gleet, Strictures, and Diseases of the Urinary Organs, makes a speedy cure without the least restriction to diet, exposure or change in application business; it will radically cure any case which can be produced. The disease it removes as specifity as is consistent with the production of a thorough and permanent cure. Further, the disease cannot be contracted if the SPECIFIC CoMPOUND is taken when exposed,

Its ingredients are entirely vegetable, and no injurious effect, either constitutionally or locally, can be caused by its use.

its use.
Price One Dollar and Fifty cents per bottle. Sent by

JACKSON SALOON! CORNER COURT AND SECOND STREETS. DALLES, OREGON.

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Gates' New Building, Beg to inform the public that they are prepared to serve their customers with the best

Wines, Liquors and Cigars, THE MARKET AFFORDS. ALSO, A Free Lunch!

Every day and evening ANTON LAUER & EMIL SCHUTZ, dec2-if Proprietors.

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plete assortment of CARRIAGE and WAGON MATERI ALS we are constantly receiving from the East, specially selected for the California market, comprising, Oak, Hickory, and Sécond Growth Aih Piank, Hickory Axtea, Wagon Poles, Hinks, Spokes, Felloes, Rims, Shatts, &c. &c. which we offer at the lowest Cash Prices.

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