

Willamette Farmer.

ISSUED EVERY FRIDAY, BY CLARKE & CRAIG, PUBLISHERS AND PROPRIETORS.

SALEM, FRIDAY, APRIL 27, 1877.

AUMSVILLE, April 18, 1877. ED. FARMER: Some weeks ago I said, in the FARMER, that I had seen numbers of persons plowing a three-horse team...

A GOLDEN WEDDING.

Among the well known and much respected families among the old settlers of Marion County, is that of Mr. Linus Brooks, proprietor of the town of Brooks, on the railroad, eight miles north of Salem...

There was an excellent dinner, of course, and such an era of good feeling as is properly becoming such an event. A further happy inspiration suggested that the grandchild should be baptized at the old family homestead...

BY TELEGRAPH.

WASHINGTON, April 20.—The President this afternoon addressed a letter to Secretary McCrary: EXECUTIVE MANSION, April 20.

To Hon. G. W. McCrary, Secy of War. LONDON, April 20.—Vienna correspondent telegraphs: I am informed from Bucharest that Prince Charles received a copy of the Russian manifesto, which contains the following declaration:

The Berlin correspondent of the Daily News reports that Austria is preparing 90,000 men who can be mobilized in a few days. SAN FRANCISCO, April 20.—The Argonaut Frank Pixley's new weekly paper, will publish the following to-morrow:

CHICAGO, April 21.—The following was sent from headquarters military division of Missouri to Gen. Augur to-day: CHICAGO, April 21, 1877.

By direction of the Lieut. General the following telegraphic order from General of the army is forwarded for your action and guidance. Please refer to telegraph the execution of the order:

LONDON, April 21.—A special from Pera says it is reported that Russia has decided to send a second circular to the powers and await a reply before declaring war.

BUCHAREST, April 21.—The Russian general and staff has left Kischineff for Ungheui and Sentari.

SACRAMENTO, April 21.—The running race, mile heats, for \$500, entered Bazar, Lady Amanda and Morphine. Bazar favorite at 20, Amanda 10, Morphine 5.

The grand trotting contest between Goldsmith Maid and Rarus will come off at the Salinas race track, in Salinas City, at 4 o'clock P. M. Saturday, May 5th.

QUARTZ-MINING.

Mineral bearing lodes, are clefs or rents made in the mountains during geological changes and filled with quartz.

When a lode has been found, the first step is to ascertain the kind or value of the mineral, then the extent. The former two requirements can be ascertained by making assays either by fire or wet assays.

The rock is generally drilled in by holes of 1, and 18 or 24 inches deep where they would be the most advantageous to throw out or loosen the rock.

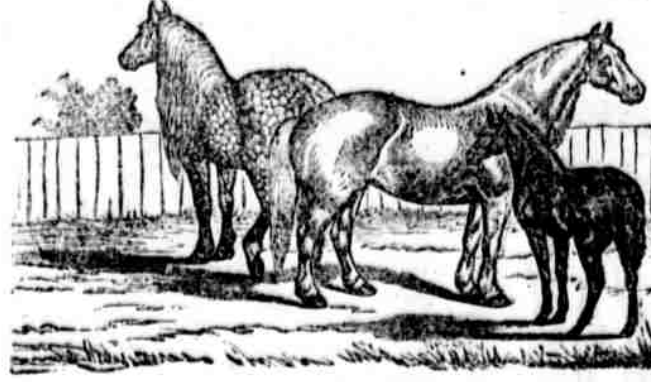
After a tunnel is run, or dug about 50 feet, they become so dark, that artificial light has to be used, consequently the work is divided off into what are called "shifts," that is, one set of men work a certain number of hours and they are relieved by another set.

When the mines have been developed enough to locate the sandstone, a mill is erected to crush up the quartz and extract the mineral, and the processes are varied and extensive, and very expensive.

The tunnel is mined as follows: Generally straight and level, but vary according to the lode, and when a rich body of ore is found, they "sink" or go down upon a then ascend to the depth wished and then start on the vein or lode again, and this position is called a "level," and when you reach "100 feet level" or "500 feet level" it means that they are that distance below the top of the ground as the starting place.

One life of a miner who works in those places, is constantly attended with danger, and many hundreds lose their lives every year from caving in of rocks, bursting forth of water, foul or poisonous air, or the catching of fire of the timbers of the tunnels or shafts, or breaking of machinery, or accidents that cannot be foreseen or avoided.

Attention, Horsemen



The Imported Percheron Stallions, WHITE PRINCE AND GEN. FLEURY. Will stand the ensuing season, commencing April 30, and continuing to the 10th of July.

I have some very fine JERSEY CATTLE for Sale. Every family that keeps a cow should have a JERSEY, or at least a halblooded.

Southern Planter & Farmer RICHMOND, VIRGINIA. CHIEF AGRICULTURAL JOURNAL OF THE SOUTH, devoted to Agriculture, Stock, Horticulture and Rural Affairs.

SALEM FOUNDRY, & Machine Shop, OREGON. B. F. DRAKE, Prop'r.

Premium Seed Potatoes. Snowflake, per bushel, \$2.00. Eureka, " " 3.00. Extra Early Vermont, " " 2.00.

WHEAT AND OATS Chopped into Feed. For One-Tenth Toll. Sash, Doors, Blinds, Mouldings, Turnings, Stair Work, etc.

JOHN MINTO, BREEDER OF MERINO SHEEP. MAKES pleasure in offering to the Wool-growers of Oregon and the adjoining Territories the chance to purchase THOROUGHBRED MERINOS.

The Celebrated Thoroughbred Stallion DR. LINDSLEY. WILL STAND THE ENSUING SEASON AT SALEM.

JOHN G. WRIGHT, Dealer in FAMILY GROCERIES, Crockery and Glassware.

Tobacco and Cigars, COMMERCIAL STREET. Salem, April 20, 1877.

Administrator's Notice. THE undersigned, having been duly appointed by the County Court of Marion County, Oregon, administrator of the estate of H. C. Dayton, late of said county, do hereby give notice that all persons having claims against said estate will please present the same to the undersigned at his residence near Astoria, in said county, within six months from this date.

ADMINISTRATOR'S NOTICE. J. W. THORNBURY, Administrator.

THE PROPERTY OF WILLIAM CHALMERS. I will stand the ensuing season, commencing April 1st, and continuing to the 10th of July.

Adventurer The Handsome Young Half-bred Clydesdale Stallions.

ADMINISTRATOR'S NOTICE. THE undersigned, having been duly appointed by the County Court of Marion County, Oregon, administrator of the estate of H. C. Dayton, late of said county, do hereby give notice that all persons having claims against said estate will please present the same to the undersigned at his residence near Astoria, in said county, within six months from this date.