MINES AND MINING.

After two weeks' trial in the federal court at Denver, Col., a decision was given in favor of the Stratton Independence Mining company, limited, of London, England, and its lessees in the suit of the Portland Gold Mining company to recover the value of about $500,000 for gold ores alleged to have been taken by the defendants from ground in the Cripple Creek district owned by the plaintiff. Judge R. E. Lewis directed the jury to find for the defendants on the ground that the Portland company had failed to prove the trespass alleged. Attorneys for the plaintiff gave notice of an appeal to the court of appeals, claiming that Judge Lewis had erred.

In the Coeur d'Alenes.

The Tucker Mining company, which owns a group of claims three miles east of the Snowstorm mine, has let a contract for a 300-foot crosscut tunnel.

Another streak of carbonates and galena was exposed this week at the West Nine Mile property at the portal of the property, which is now being widened and retimbered.

Rossland, B. C.

William Yolen Williams and a corps of engineers have been busy all week surveying the California and Giant claims and getting matters in shape that development can be properly carried on. Coke still remains short, as the coal mines have not yet caught up on the shortage occasioned by the recent strike. Both the Trail and Northport smelting plants would start additional plants were it possible to secure an increased supply of fuel.

At the smelter of the Consolidated company at Trail, 2943 tons of ore were received during the week. At the Le Roi smelter at Northport, 2910 tons were received during the week.

Mining Notes.

All the men that can be obtained are now being put on at the various mines and smelters of the Boundary, and another month should see more employment than ever before in its history.

The business men and mine owners of Goldfields, Nev., to the number of 150 met Sunday and perfected a permanent organization, to be known as the Industrial Association of Nevada. The purpose of the organization is to insure the industrial peace of the state and its various camps. The Goldfield branch is the nucleus and all the camps of the state will form auxiliaries.

Victoria, B. C.—Fire has broken out in No. 3 stope of the Comox mines. No loss of life occurred, the large staff of miners making their escape. Over 1000 miners are employed in this stope alone, where R. Dunsmuir's sons mine the bulk of their coal product in the Comox district. The miners are endeavoring to flood out the fire, but it is reported a heavy loss has already been incurred.

While the month of May has shown the smallest ore output from the mines and smelters of Boundary, B. C., for years, due to the coal miners' strike in the Crows Nest pass country, matters are now in such shape that a heavier output than ever before is fully anticipated. While the coal miners' strike was on, or just before it, the miners and smeltermen employed in the Boundary requested that they be given a raise in wages. This matter has been thoroughly considered by the managers, with the result that a schedule was finally submitted to the miners that was accepted by them in a referendum vote, by a big majority. This definitely settles the scale of wages for all men employed in Boundary mines, and gives all underground men an advance of 50 cents a day, and those employed above ground receive an advance of 10 per cent over the pay heretofore received. Wages now paid range from $3.30 to $4.50 per day. All underground work is eight hours, above ground nine hours.

CASTORIA
For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of Chas. H. Fletcher

THE DAISY FLY KILLER destroys all the flies and affords comfort to every home—in dining room, sleeping room and every place where flies are troublesome. Clean, neat and will not soil or injure anything. Try them once and you will never be without them. If not kept by dealers, sent prepaid for 25c.
HAROLD SOMERS, 149 DeKalb Ave., Brooklyn, N. Y.

Eye Restored—
Headaches Cured by
J. Clark Watson
Ocular Refractionist
Spokane, - - Wash.
Room 208 Chemical block, corner Sprague and Howard. Entrance on Howard St. Consultation and examination—FREE

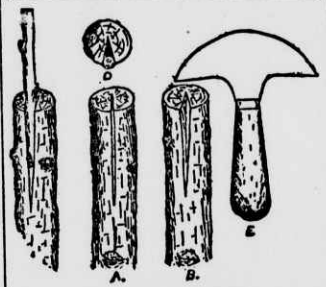
Gasoline Engines and Irrigation Plants
Waterloo Well Drills
Built especially for work in the northwest. Drilling and fishing tools. We carry a large stock. Write usall your machinery wants. Well drillers' contract blanks free.
REIERSON MACHINERY COMPANY, 182-4-6 Morrison St., Portland, Ore.

When a letter jumps from the first to the fourth page and then back to the second, it never says anything very important.

Genius has a twin brother whose name is patience.

New Method of Grafting.

Before a meeting of the American Pomological Society the following method of grafting was described by a gentleman from Colorado, who stated that it was the most successful method that he had employed in top-working old orchards, and that it could be used on branches as large as four inches in diameter with great success. It impresses one as being possibly better than ordinary cleft grafting for large stocks, from the fact that the surfaces of the union were all smooth and the scions held more firmly. The method of procedure is as follows: After determining where the graft had better go the stock is cut off with a fine saw and the cut made in the side of the stock, as shown at "A." This is then cleaned out with a knife, as shown at "B;" a saddler's knife is used for this purpose, outline of which is shown at "E." The scion is cut as is usual in cleft grafting and is driven with some little force into the groove of the stock as shown at "C" and in



METHOD OF GRAFTING.

cross section at "D." It wil be found that after this graft has been driven in it can only be pulled out by using considerable force and it is held much more firmly than in the ordinary cleft graft. All wounds should be covered with wax as in ordinary cleft grafting.

Feeding Animals.

It is economical to feed only as much as may be required. If too much carbonaceous material be fed to an animal the excess will be a loss, for the reason that the animal will assimilate and appropriate only the actual amount necessary for the purpose required by the system; and even when the farmer feeds liberally of carbonaceous material he may starve his animals if they do not receive nitrogenous food, for which reason it may be noticed that on some farms, where the stock is liberally provided with certain kinds of food, the animals are not thrifty, the young ones do not grow, and the farmer is annoyed at the unsatisfactory results of what he supposes is good management, when the cause is a lack of perhaps only a single element, which, in connection with a less quantity of one of the kinds of food given, would produce a radical change. It is important then, in order to derive the best results from feeding animals, that the farmer thoroughly understands the quality of the materials used. Its feeding value depends upon the proportions of those elements best adapted to the purposes in view, for unless a perfect knowledge of the composition of feeding stuffs is gained by the farmer he may feed at a loss and derive but little benefit from his stock.

Pedigreed Seeds.

The achievements of the plant breeders in the development of pedigree seeds are quite wonderful, considering the difficulties of fixing permanently characteristics resulting from hybridization. For instance, when species of rye with different types of heads are crossed it is found that the female parent is neither alone nor most prominent when exerting its influence on the product and its progeny. In about one-half of the plants of the first generation of rye crosses the type of head and form of seed of the male parent were prevalent, while in the other half the same characteristics of the female predominated. In the second generation the individuals split up into groups of either one type or the other. One-fourth of the number of individuals showed the spike characteristics of the female parent, one-fourth those of the male parent and one-half intermediate forms.—Agricultural Epitomist.

Feeding the Dairy Cow.

What is the proper amount of food for a cow? Such an inquiry cannot be satisfactorily answered, as each cow is an individual, having peculiarities of disposition. There are preferences among animals for certain foods, as they have their likes and dislikes. A cow may have an excellent appetite today and refuse to eat but little of her food to-morrow. Of the various foods, however, a cow will eat from 40 to 60 pounds of mature corn ensilage, with from 5 to 10 pounds of grain with the ensilage, which may be given in place of the bran. Of clover hay, a cow may be allowed to eat as much as she wishes. The ensilage may be reduced and more grain given, ground, if preferred, but there is no rule to govern the feeding of a cow. Each cow must be studied and her wants satisfied. Those yielding milk should be fed more liberally than those that are dry, or nearly so.

Cutting Potatoes for Planting.

In regard to cutting potatoes a very large number of experiments have proved that whole potatoes are best for warm, high land, and for very early potatoes they will not only yield enough more to pay the cost of the seed, but will produce a crop from a week to ten days earlier than cut potatoes, which will sometimes make a difference in price of from 50 cents to $1 per bushel. But on rich, moist lands the difference between whole and cut potatoes is not so great. In the first place, on a rich, moist soil, it is not so important to secure an early vigorous growth as it is on a warm, dry soil, and in the second place, not being planted too deep below the surrounding land, there is a tendency to the production of a larger number of stalks than on dry land, but even as a rule it will be better to plant a whole medium-sized potato.

Possibilities of Tomato.

"If you could keep the frost away from a tomato vine for a couple of years it would get to be a fair-sized tree," says the Texas Farmer. "This occurs sometimes in Florida—in years when the frost king leaves that State alone. By the same sign, you can plant tomatoes in the winter in Florida and have them grow all the spring and summer and fall, and under the right conditions they become very large. The midrib of the leaf of such a tomato plant will grow to be eighteen inches long, a veritable tree limb. * * * Six feet is the height to which the tomatoes should be trained, and pruned to a single stem. They can be made to grow ten or fifteen feet as well, but this is an inconvenient height."

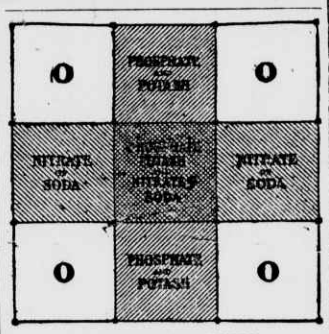
Advertise Your Poultry.

There was a farmer who had been breeding pure-blood chickens for some years, and he always sold what he had in poultry and eggs, without any trouble to his neighbors and little market town, but he had never thought about pushing this little by-business of his regular vocation of farming.

Finally it was suggested to him that he ought to advertise the poultry branch of his business and extend it somewhat, but he was timid about sinking a few dollars already in hand in printer's ink with the view of getting uncertain dollars. Finally, however, after talking the matter over with his wife, he invested a few dollars. He made $40 out of this venture. He now advertises extensively and does a big business.

Testing Fertilizers.

Before using fertilizers in large quantities it is well to experiment with several different kinds in plots. The diagram shows plots of uniform size which should be separated by a space of at least 12 inches. The squares



FOR TESTING FERTILIZERS.

marked O are not fertilized and are used for comparison with the fertilized ones. If the squares are meda 20 feet by 20 feet an application of one pound of nitrate will be equivalent to one hundred pounds to the acre.

Keeping Stock in Condition.

No animal can remain at a standstill without loss to its owner. If the animal is not gaining, then the labor and food are wasted. If the animal loses only a pound in weight, then the farmer suffers loss of that which he once had, and he must incur additional expense to recover that additional pound, but the time lost cannot be recovered. These facts show the importance of keeping the stock in good condition and having an animal make an increase daily. When there is a falling off in the weight, or the yield of milk is reduced, the cause should be sought, and if an error has occurred, or there is fault in the management, a change for the better should be made without delay.

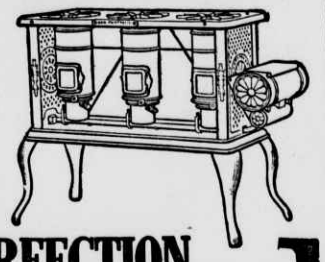
Setting a Hen.

Don't put the eggs in a deep box, where the hen will be forced to jump down on the eggs to get at them, for she will be pretty apt to break some of them. Should any of the eggs be broken at any time, the balance of them should be washed as soon as discovered, for a smeared egg will not hatch. The proper dimensions for a box in which to set a sitting hen are about 12 inches square. If smaller it is apt to crowd the hen and the eggs are liable to be broken; if larger, the eggs will scatter and will not all be incubated. The box should be placed on its side, so that the hen may have easy access to it.

Strawberries.

There is one advantage in growing strawberries in preference to other fruits, which is that less capital is required and the crops come sooner. Plants set out this spring will send out runners and form matted rows full of berries next year. If kept clean the rows will give two or three crops, with a partial crop after the bed is old. The proper mode, however, is to make a new bed each year, as the cost is but little comparatively.

A Summer Vacation in Your Kitchen



Don't swelter this summer with the temperature at 110. Get a New Perfection Wick Blue Flame Oil Stove and have a cool kitchen. The

NEW PERFECTION
Wick Blue Flame Oil Cook-Stove

produces a working flame instantly. Blue flame means highly concentrated heat, no soot, no dirt. Oil is always at a maintained level, ensuring a uniform flame. Made in three sizes. Every stove warranted. If not at your dealer's write to our nearest agency for descriptive circular.

The **RayoLamp** is the best lamp for all-round household use. Made of brass throughout and beautifully nickeled. Perfectly constructed; absolutely safe; unexcelled in light-giving power; an ornament to any room. Every lamp warranted. If not at your dealer's write to our nearest agency.

CONTINENTAL OIL COMPANY
(Incorporated)

SPOKANE

Wholesale Produce Prices.

Vegetables—Asparagus, 6@7c; cabbage, California, $3.25 cwt; artichokes, $1.25@1.50 doz; green onions, 25@35c doz bunches; Bermuda onions, $2.50 crate; horseradish, 10@12½c lb; spinach, $1 box; turnips, 40@50c doz bunches; hothouse lettuce, 25c; tomatoes, $5 crate; rhubarb, $1.25 crate; cauliflower, $2.50 doz; cucumbers, $2.50 doz; potatoes, $1.75 cwt; California squash, $2.25; peas, 12½c lb; radishes, 30@35c doz; strawberries, $5@6 crate; parsley, 40@50c doz; California string beans, 18c lb; California wax beans, 18c lb; green gooseberries, $2.50 crate; pineapples, $3@4 doz; hotbed lettuce, 12½c lb.

Apples—Cooking, $1@1.25 box; Yellow Newtowns, $2.50 box.

Butter and Eggs—Local eggs, case, $6; best creamery butter, 27c lb; Columbia creamery butter, 26c lb; cheese, twins, 17c lb; Wisconsin loaf Swiss, 18c lb; limburger bricks, 18c lb; cream brick, 20c lb; Wisconsin twins, 18c lb; Tillamook, 17c.

Honey—In comb, $3.50; strained honey, 9½c lb.

Sugar—$6.40 per 100 lbs; beet, $6.25.

Coffee—Common package goods, $17.40 pr 100 lbs.

Seed—Red clover, $16; Kentucky bluegrass, $17@18 cwt; timothy, $6@6.50 cwt; white clover, $16.50@18 cwt.

Pices Paid to Producers.

Live Stock—Steers, $4.50@5 cwt, cows, $325@3.75 cwt; sheep, $4@4.25 cwt; hogs, $7@7.25 cwt; mutton, 8c lb; veal, $4@6 cwt; veal, fancy small, No. 1, 7@8c lb; fancy large, 5@6c lb; pork, 8½@9c lb.

Poultry and Eggs—Live hens, 13c lb; live pring chickens, 15@16c; live roosters, 10c; dressed hens, 15c; ducks, live, 14c; dressed, 16c; turkeys, live, 18c; dressed, 20c; fresh ranch eggs, $5@5.50 case.

Hides—Green, 7c lb; salted, 1c higher- dry hides, 16@17c; calfskins, green, 8@9c; cows, 6c; kip, 8c lb; sheepskins, 50c@$1.25.

Creamery produce, f. o. b Spokane—First grade creamery butter fat, 25½c.

Feed—Timothy hay, $20@21 ton; alfalfa hay, $16 ton; whole barley, 95c @$1.05 cwt; wheat, $1@1.10 cwt.

Vegetables—Potatoes, $1.25 cwt.

Tacoma, Wash.—Bluestem, 87c; club, 85c; red, 82c.

Portland, Ore.—Bluestem, 88@89c; club, 85@86c; valley, 85c; red, 83@84c.

Shake Into Your Shoes

Allen's Foot-Ease. A powder. It makes tight or new shoes feel easy. It is certain cure for sweating, callous and hot, tired, aching feet. Sold by all Druggists. Price 25c. Trial package mailed FREE. Address Allen S. Olmsted, LeRoy, New York.

Australia, although in area 26 times as large as the whole of the British Indies, has a population smaller than that of London.

FITS St. Vitus Dance and all Nervous Diseases permanently cured by Dr. Kline's Great Nerve Restorer. end for FREE $2 trial bottle and treatise. Dr. R. H. Kline Ld., 931 Arch St., Phila., Pa.

Tacoma, Wash.—Bluestem 88c; club, 86c; red, 84c.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during teething period.

When we feel the need of advice about rearing our children we always seek it from those who never had any children.

HOWARD E. BURTON, Assayer and Chemist, Leadville, Colo. Specimen prices: Gold, silver, lead, $1; gold silver, 75c; gold, 50c; zinc or copper, $1. Cyanide tests; mailing envelopes and full price list sent on application. Control and umpire work solicited. References: Carbonate National Bank.

The children who are seen and not heard must be deaf mutes.

RHEUMATISM
CAN NOT BE RUBBED AWAY

It is perfectly natural to rub the spot that hurts, and when the muscles, nerves, joints and bones are throbbing and twitching with the pains of Rheumatism the sufferer is apt to turn to the liniment bottle, or some other external application, in an effort to get relief from the disease, by producing counterirritation on the flesh. Such treatment will quiet the pain temporarily, but can have no direct curative effect on the real disease because it does not reach the blood, where the cause is located. Rheumatism is more than skin deep—it is rooted and grounded in the blood and can only be reached by constitutional treatment—IT CANNOT BE RUBBED AWAY. Rheumatism is due to an excess of uric acid in the blood, brought about by the accumulation in the system of refuse matter which the natural avenues of bodily waste, the Bowels and Kidneys, have failed to carry off. This refuse matter, coming in contact with the different acids of the body, forms uric acid which is absorbed into the blood and distributed to all parts of the body, and Rheumatism gets possession of the system. The aches and pains are only symptoms, and though they may be scattered or relieved for a time by surface treatment, they will reappear at the first exposure to cold or dampness, or after an attack of indigestion or other irregularity. Rheumatism can never be permanently cured while the circulation remains saturated with irritating, pain-producing uric acid poison. The disease will shift from muscle to muscle or joint to joint, settling on the nerves, causing inflammation and swelling and such terrible pains that the nervous system is often shattered, the health undermined, and perhaps the patient becomes deformed and crippled for life. S. S. S. thoroughly cleanses the blood and renovates the circulation by neutralizing the acids and expelling all foreign matter from the system. It warms and invigorates the blood so that instead of a weak, sour stream, constantly depositing acrid and corrosive matter in the muscles, nerves, joints and bones, the body is fed and nourished by rich, health-sustaining blood which completely and permanently cures Rheumatism. S. S. S. is composed of both purifying and tonic properties—just what is needed in every case of Rheumatism. It contains no potash, alkali or other mineral ingredient, but is made entirely of purifying, healing extracts and juices of roots, herbs and barks. If you are suffering from Rheumatism do not waste valuable time trying to rub a blood disease away, but begin the use of S. S. S. and write us about your case and our physicians will give you any information or advice desired free of charge and will send our special treatise on Rheumatism.

S.S.S.
PURLY VEGETABLE

THE SWIFT SPECIFIC CO., ATLANTA, GA.

CLASSIFIED ADS

NOTICE—The following announcements are from leading business men and firms, and are well worth your careful reading. The list may contain just the proposition you are looking for.

CARR'S EMPLOYMENT AGENCY, PHONE NO. 4028, BASEMENT N. E. FRONT AND STEVENS ST., SPOKANE, WASH.
As the time is fast approaching when there will be strenuous times for country folk to obtain a sufficient amount of labor, we wish to offer you our services free of charge, if you will furnish us a pen picture of the kind of men that you may need.
We furnish all kinds of male help, and female cooks for harvest crews; also clerical, mechanical and technical men, for any line, with the greatest care.
We refer you to the Chamber of Commerce of this city as to our methods of conducting employment business, and we have no connection with any saloons. Remember that wages are very high and under-paid positions will not get capable men.
CHAS. E. CARR, LOCK BOX NO. 992, SPOKANE, WASH.

REAL ESTATE

FORTY MINUTES FROM THE CENTER OF SPOKANE, ten trains a day each way. Write for information. One irrigated and non-irrigated tracts. The best opportunity offered in the Inland Empire. Land will quadruple in value in three years. Let us tell you how it will pay for itself.
BECHER & THOMPSON, 110 Stevens St., Spokane.

We can locate you on a timber claim 140 miles from Spokane that will scale 1,500,000 feet; good land after timber is removed; lumber can be flumed to R. R.; 80,000,000 ft. tributary to stream; 3 reliable cruisers in field; also good homesteads in same locality; fine fish and game country; springs and streams. 9-room house and two lots to trade for good ranch, value $5500.
CADILLAC REALTY CO., 410 Riverside Ave.

320 ACRES ONE HOUR AND 15 MINUTES DRIVE FROM SPOKANE.
Level roads, black soil, spring water at house and barn; cheapest farm in Spokane county. $50 per acre. Similar land selling at $100 per acre. Write today.
BALDWIN & PFILE, 326½ Riverside Ave., Spokane, Wash.

A fine section of wheat land, in crop; $25.00 per acre; terms. A well-improved quarter section; best soil; well located; well matured.
Fine residence lots in Spokane, $200.00 each; $20.000 down, $10.00 per month.
A fine timothy and fruit ranch, well improved. Write for price and particulars.
City property to exchange for farm lands.
CATHCART & ALLEN, 30-31 Symons Block, Spokane, Wash.

30% 30% 30% 30% 30%
Do you want an absolutely safe investment that will pay you 30 per cent or more. We can show you one, and prove our statements. Write or call and get particulars.
SUNNYSLOPE ORCHARD COMPANY, 415 Sprague Avenue, Spokane, Wash.
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THE BEST OF ALL
is a timothy hay ranch. We have one of 240 acres, 90 acres in cultivation, good improvements, soil producing 3 tons of timothy per acre, for $7500, including machinery, part cash. Timothy land is increasing in value. Write us today.
SURETY INVESTMENT COMPANY, 236 Riverside Ave., Spokane, Wash.

4040 acres timber, grazing, timothy, alfalfa and fruit land; lots of good water for irrigation; some of the land is improved; the best buy in the state. Price, $3.00 per acre and easy terms. Write Harry E. Watson, 514 Hyde Block, Spokane, Wash.

VACANT GOVERNMENT LAND.

Blue print maps of Stevens County, showing all vacant government lands, $2.50 each. Blue prints townships in Stevens, Ferry, Okanogan, Douglas or Chelan Counties, $1.00 each.
FRANK R. CORBALEY, Room 119 Auditorium, Spokane, Wash.

MEDICAL.

Cure for catarrh, inflammation, congestion, cancer, exzema, ulcers, tumors, lepers, goiter and skin eruptions of all kinds guaranteed by active rays and arc light theraphy, the most powerful therapautic agent today.
DR. C. O. LINDER, 615-16-17 Jamieson Bldg., Spokane, Wash.

NATUROPATHY.

Our drugless methods make it possible for nature to cure all manner of chronic diseases. If you are suffering, and longing to get well, write or call and see us. We will explain to you why, and how we are able to help you.
W. F. GROVER, N. D. 519 Mohawk Block. Spokane, Wash.

ATTORNEYS

McWILLIAMS & McWILLIAMS, 5th Floor of Peyton Bldg., Spokane, Wash.

MINING.

ONLY 50,000 SHARES
of stock will be placed on the market of the new company being organized, near Burke, in the Coeur d'Alene district, at 5 cents per share, direct to the purchaser. The mining expert, after examining the group of claims, pronounces it a very promising property.
Don't hesitate and miss getting in on the ground floor. Send in your order for number of shares wanted at once, for this allotment will soon go.
W. R. BIGGS, Spokane, Wash.

LILLY'S BEST LICE KILLER
Instantly kills lice on Poultry by its fumes. It is very powerful—the strongest of all lice killers. It is a necessary remedy, because lice-infected poultry cannot lay or thrive. Sold by dealers. Made only by Chas. H. Lilly Co., Seattle, Portland, San Francisco.

Structural Steel Work
Beams, channels, angles, plates, girders, tees, columns, trusses, bridges, buildings
Lowest Prices.
J. R. Bowles Portland
Write for prices, mentioning this paper 209 Stark St., works—foot of 15th street.

PUTNAM FADELESS DYES
Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and is guaranteed to give perfect results. Ask dealer, or we send post paid at 10c a package. Write for free booklet, how to dye, bleach and mix colors. MONROE DRUG CO., Unionville, Missouri.