Every Package

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Your money back if you don't like it.

603

ABOUT MINES AND MINING.

Alaska Gold in Relation to Affecting Prices.

"What effect will the new gold yield have upon prices?" is a question which is being debated by statesmen and financiers. The North American Review treats the subject at length and draws the deduction that even though the Alaska yield is enormous it will not affect prices to any noticeable degree. It reasons that there are too many avenues open to the use of gold—its monetary use, use among the arts and the foreign demand for it to ever change prices. The article says:

With a gold production for 1897 estimated at $240,000,000, it is evident that the new goldfields will have to prove exceptionally productive in order to add a great percentage to the world's annual supply of gold. If they should yield $60,000,000 per year, carrying the total annual production to $300,000,0000, they would still be adding only 25 per cent to the previous annual increase. The effect of new supplies of the precious metals is greatly restricted by the fact that the additions have to be set against the whole mass already in existence. An addition of 25 per cent to the annual production of wheat or corn, or even of more permanent industrial products, like iron or copper, would have a marked effect upon prices. Gold is undoubtedly influenceed, like all other articles, by the law of supply and demand, but the supply in any one year is only a small addition to the amount already in the market. All the gold of the world used as coin or bullion in monetary exchanges is constantly in the world's money market, capable of being purchased by commodtiies directly or by slight premiums in rates of exchange.

It has been shown that the visible stock of monetary gold existing in the world today is about $4,360,000,000. Reasons will soon be given for thinking that another sum of $1,000,000,000 is concealed in private hoards. The mathematical elements of the problem, therefore, are: An aggregate gold production within historic times of $9,000,000,000; a visible supply of gold in use as money of $4,360,000,000; and a possible annual increase of the supply from $240,000,000 in 1897 to $300,000,000 in future years.

The second question—what portion of the new gold will be devoted to monetary uses—suggests the interesting inquiry, what has become of the difference between the whole amount of gold produced and the amount now visible in coin and bullion? The amount to be accounted for is $4,800,000,000 and represents more than half of the gold which has been produced since 1492. There are three channels through which this difference has been absorbed, which may be briefly treated thus:

Abrasion, the arts and the foreign trade.

Americans the Best.

It is complained that the British have made no money out of mining in this country. They should not send over the proverbial younger son, and luxurious mine managers, who "dress for dinner" in remote mining camps and have French chefs, and violinists to soothe them during the hour of digestion. Americans are mining to better advantage here; they are mostly plain, practical men, and when they buy a mine they send one set of experts to check up another, and then pay a price for the property, and no more.—Mexico City Herald.

Brought in Samples.

Mr. Cole, of the Copper creek mining district, Skamania county, Washington, has brought to Messrs. Colfelt and Sebecki, of Portland, samples of ore from the 20-foot level of the Yellow Bird shaft, which assayed 15 per cent copper and $13 in gold. Mr. Sebecki and Mr. Colfelt expect to take the machinery for a smelter on the ground just as soon as the trail can be put in shape. There are a number of promising properties in Copper creek district in which Portland parties are interested.

State Mining Boards.

State mining boards, Mr. Batchelder of Portland, believes, would be of great assistance to the mining interests of Oregon and Washington. Like others, Mr. Batchelder realizes that the mineral districts have been sadly neglected. With the character of ore, the fuel, the timber, transportation, the grades of ore for fluxing each other, and the mild climate, Oregon and Washington, he says, should be the greatest mineral-producers in the West. State boards could be of advantage in many ways. For one thing, they could constitute themselves a fountain-head of reliable information, by keeping in touch with all the districts, where capitalists, strangers and people at home could draw from for investing, etc.

AN ALL AROUND FRIEND.

We need not talk about the weather when we come to discuss the cause of so many aches and pains which afflict mankind. Much of these afflictions is from heritage of infirmity of the nerves, muscles and joints of the human body. Many pains and aches, it is true, are brought on by exposure to cold or by sudden chill, but as to a general condition to which we may be subject there should be a remedy which in a general way is curative for all. This is one reason why St. Jacobs Oil is so popular. It cures aches and pains in all forms, and they are wise who keep it steadily on hand to be used in emergencies at any time in the cure of the most acute attacks.

ITEMS OF INTEREST.

The chemical name of Epsom salts is sulphate of magnesia.

By starting for the Klondike now you will get there in the spring, when the thermometer is only 30 degrees below zero.

If China could load her cannon with the characters she puts on tea boxes, no enemy on earth could withstand the fusilade.

A Kentucky young man who had the measles kissed his sweetheart and she caught 'em. Now she is suing him for damages.

Very satisfactory trials have been recently made of a life boat made of pumice stone, which it was found would remain afloat with a load, even when full of water.

PEARY THE EXPLORER ON BAKING POWDERS.

Those going to the Klondike must remember that a reliable baking powder is an absolute necessity. If, after a long and expensive trip and the great cost of transportation, the baking powder proves inferior or has lost its strength, the miner will be practically helpless. It is no time or place to experiment. What is required is a baking powder that has actually stood the test of the arctic climate.

The well known explorer, Lieut. Peary, U. S. N., says of Cleveland's baking powder, which he used on his Arctic Expeditions:

"Cleveland's stood the tests of use in those high latitudes and severe temperatures perfectly and gave entire satisfaction. Mrs. Peary considers that there is no better baking powder made than Cleveland's. I shall take it again on my next expedition."

A Woman's Daily Paper.

There has just been launched in Paris a daily paper devoted solely to the interests of the fair sex. It is produced entirely by women, and not only are the editors, the managers and the staff of reporters women, but the type is set by female compositors, and it is reported that even the printers' devils are feminine members of the genus "gamin." The name of the paper is La Fronde. Used as a noun this means the implement of ancient warfare with which David slew Goliath, while to the verb "fronder" the translation to sling, to censure, to blame, to criticise and to oppose all equally apply, and, judging from the first number, are singularly appropriate, since it is full of abuse of everything that can possibly be construed as the handiwork of man. Mme. Severine, whose writings have won for her a world-wide reputation, is editor-in-chief, and the enterprise is said to be backed by plenty of money.

Keeping Dickens' Birthday.

The birthday of Dickens was celebrated in London by some ceremonies organized by Mr. Edwin Drew, and it is of interest to note that had the novelist lived he would have been 86 years of age. The grave in Westminster Abbey was visited by Mr. and Mrs. Drew and a party of friends, and a wreath was deposited upon it. Seeing many strangers near Mr. Drew began a little speech, but it was nipped in the bud by a verger—being, of course, technically, perniciously near the legal offense of "brawling." Taking the wreath with them, Mr. Drew's party proceeded to an evening entertainment in St. James' hall, when various recitations, songs, speeches and so forth, more or less connected with Dickens, formed the programme of the evening.

The weight of a man's brain has, it is said, nothing to do with his mental power. It is a question of climate, not of intelligence. The colder the climate, the greater the size of the brain.

ABOUT IRREGULARITY.

A Chat With Miss Marie Johnson.

The balance wheel of a woman's life is menstruation.

Irregularity lays the foundation of many diseases, and is in itself a symptom of disease. It is of the greatest importance that regularity be accomplished as soon as possible after the flow is an established fact.

Lydia E. Pinkham's Vegetable Compound is the greatest regulator known to medicine.

"My health became so poor that I had to leave school. I was tired all the time, and had dreadful pains in my side and back and head. I was also troubled with irregularity of menses, and lost so much flesh that my friends became alarmed.

"My mother, who from experience is a firm believer in the Pinkham remedies, thought perhaps they might benefit me. I followed the advice Mrs. Pinkham gave me, and used Lydia E. Pinkham's Vegetable Compound and Liver Pills and am now as well as I ever was."—MISS MARIE F. JOHNSON, Centralia, Pa.

PISO'S CURE FOR CONSUMPTION. CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. 25 CTS.

Sorghum Forage.

The value of sorghum, either cured or put up in ensilage, has been fully demonstrated during the past three years. Under ordinary conditions two heavy crops can be raised each year from one sowing, running anywhere from eight to fifteen tons total per acre. As this crop stands the drouth well, can be easily and cheaply handled by the improved machinery now in use, and is good for years when properly put up, it would seem to be the sure feed crop for this section. The cured sorghum is more easily handled in feeding, but it is more expensive to harvest and cure, and is subject to more waste than the ensilage crop, which is cut and bound in one operation by the sorghum binder and piled green in huge stacks, where by its own weight all air is excluded and it is without further expense converted into the best of feed for use as required. It would be well for stockmen and farmers to carefully investigate this matter, and if convinced of the value of sorghum as the feed crop, then plant largely for this year. Experience seems to favor sowing in drills as best, with broadcast sowing next.—Corpus Christi (Texas) Caller.

An Overlooked Crop.

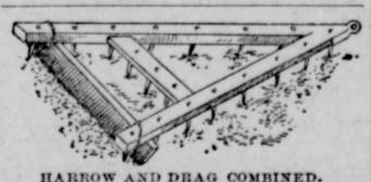
A great many suggestions have been made in favor of renovating the land, and to secure improvement at a small cost by plowing under green crops. Of the crops recommended may be mentioned clover, cow peas, soja beans, rye and even corn and millet. There is another crop, however, which has been somewhat overlooked, and which can be grown on almost any soil, and that is turnips. The turnip crop need not be planted until July, or even August, and it grows rapidly, being off the land in a short time. On medium land from thirty to forty tons can be grown, and the tops are more valuable than the bulbs for turning under. The English farmers grow turnips, allow sheep to feed on them, and turn them under as a manurial crop. Turnips may be broadcasted on well-prepared land, using plenty of seed, and will soon cover the ground. Crops are grown in that way in the Southern States, and the cost is but little, as they require no cultivation when the seed is broadcasted.

Hog Raising.

It is neither profitable nor always entirely safe to keep great numbers of hogs together. Besides the liability to disease getting among them, there is always a certainty that the stronger will crowd the weaker from their feeding places, so that the inequality in size will increase instead of decreasing. In every litter there are always one or two weaklings that were born runts, and unless given a better chance than their fellows they will always remain runts. The best way to manage this is when the pigs are 7 or 8 weeks old, take out the strongest ones and wean them, giving them plenty of the best food that can be got to make growth. Then the runts left to suckle the sow alone will in two or three weeks more take a start that may make them as good as the others, so that in later life all can be fed together. No other feed, without the sow's milk, will do this, though such other feed should be given and the pigs be encouraged to eat all they can be made to eat.—American Cultivator.

Clod Crusher and Leveler.

One who has tried it would be surprised to find how much execution the device shown in the cut will accomplish. Insert a narrow plank in front of the rear teeth of an A harrow, and the land will be harrowed, the lumps crushed and the surface leveled, at one operation. One can also, by stepping on and off the crosspiece, drag earth



HARROW AND DRAG COMBINED.

from knolls and deposit it in depressions, thus grading the land very nicely.—Orange Judd Farmer.

Gates in Place of Bars.

A gate that easily swings on its hinges is not much more expensive in first cost than a set of bars. If all the time required to let down the bars and put them up again is reckoned, the bars must be seen to be much the most expensive. When stock are driven through bars let down on one side only, stock driven through will often jump over the part of the bar in the midle, and will thus learn the habit of jumping. When a gate swings open it leaves a clear passage, and the contraction of bad habits is impossible.

Feeding Young Calves.

While there is no food that is better for calves than whole milk from cows, it is much too expensive to feed to any except those that are being fattened for the butcher, and to them only for three or four weeks. For calves that are to be raised, whole milk is much too fattening. Skim-milk is better, and there is so much better use for skim-milk on most farms that it is usually diluted with water, and then re-enforced by additions of gruel made from oatmeal, sifted so as to remove the husks. If this should cause scours, change the oatmeal for a tablespoonful of fine wheat flour, which should be cooked into a porridge and mixed with the skim milk and water.

Seedling Strawberries.

The amateur fruit gardener may find in the production of seedling strawberries an occupation of fascinating interest. It may be easily done. At fruiting time select the best berries from plants of the best varieties obtainable. Crush the berries and carefully wash out and dry the seed. Plant the seed in a protected spot, in rich ground, partially shady. Transplant the most promising plants after the fourth leaf appears, and afterward cultivate them the same as other plants. Probably there will be no two plants exactly alike. They will differ in foliage, fruit, time of maturing, and in the manner of their growth. They may bear but slight resemblance to the plants that produced the seed. There may be no variety better than that from which it originated. And yet there may be one new seedling of superior quality, to obtain which may richly reward the efforts of years.

Brush for Kindling.

In pruning the orchard, or in clearing up the top branches after a tree has been cut in the forest, not much account is usually made of the smaller branches, or the brush, as it is usually called. But these small, round twigs, when dried, make the very best kindling, and if tied in bunches could be sold at a profit in city markets. In the old countries of Europe, the trimmings from hedges done up in small bundles constitute an important part of the fuel supply of farmers. In this country the fact that wood is plentiful has caused us to neglect all except the smooth, easily handled body wood, rejecting both the brush and hard, knotty pieces, burning all these in a great out-of-door bonfire.

Keeping Odors Out of Milk.

It is well known that milk remaining in the stable quickly absorbs odors that injure butter flavor. It is an inconvenience on many farms to carry away to the dairy room each pail as soon as it

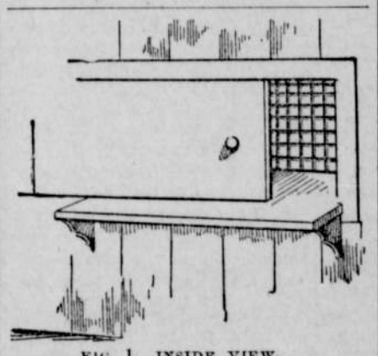


FIG. 1. INSIDE VIEW.

is filled. The sketches show a handy shelf built outside the cattle quarters, but reached from within. As each pail is filled the slide is pushed back and the pail is set out on the shelf, where it is protected by the top and the grating from cats, etc., while it is surrounded by pure air. Fig. 1 shows the inside

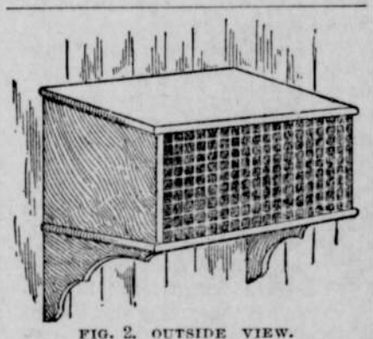


FIG. 2. OUTSIDE VIEW.

and Fig. 2 the outside arrangement of this ventilated barn milk-closet.—American Agriculturist.

Sweet Potatoes.

Some of the varieties of sweet potatoes that are most popular in the South will not succeed with Northern growers. The sweet potato requires a long season to grow in, and only the early kind will succeed in the Northern States. It is usually a mistake to send South for sweet potatoes to plant. The Northern varieties, propagated in slips for planting by seedsmen, are much better, as well as cheaper, than trying to winter the sweet potato and cut it into sets for planting, as is done with the ordinary white potato. It is a great advantage in growing sweet potatoes to have well-rooted plants ready to set out when soil and air are warm enough to insure rapid growth. Most of the successful Southern varieties of sweet potatoes are watery and poor when grown North.

To Protect Trees from Borers.

Mix cement with skim milk and apply with a stiff brush. Mix only a small quantity at a time, as it may "set." Apply it somewhat in a thin condition, and then make a second application. First remove the earth from the trunk of the tree and apply the cement mixture 6 inches below the surface of the ground and a foot above. It will also protect against the gnawing of rabbits and mice if put on two feet above the surface, as it becomes stone.

Spraying Stock for Vermin

The common fruit tree sprayer used by orchardists is a much more convenient way to destroy lice on cattle than it is to apply it by hand. A hose with a fine nozzle which will throw very fine spray is best, but its point should be held close to the skin. Two or three applications may be needed, as some of the lice may be in the egg, and not be destroyed by the first application.

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Large size, like cut, one for 50c, three for $1, including a 14 K rolled gold enameled brooch.

Small size, one for 25c, three for 50c. Hand painted 35c each extra.

Owing to the special low price we are making, to introduce these goods, we must invariably have cash with the order. We solicit correspondence. Send stamp for highly illustrated catalogue.

SALESLADIES and SALESMEN wanted, $15 per week and expenses. No experience necessary.

OUR GUARANTEE: If goods are not satisfactory, money will be refunded, or new photos furnished. Estimates furnished from one dozen to one million.

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The thickest known coal seam in the world is the Wyoming, near Twin Creek in the Green river coal basin, Wyoming. It is 80 feet thick and upwards of 300 feet of solid coal underlie 4,000 acres.

SHAKE INTO YOUR SHOES.

Allen's Foot-Ease, a powder for the feet. It cures painful, swollen smarting feet and instantly takes the sting out of corns and bunions. It's the greatest comfort discovery of the age. Allen's Foot-Ease makes tight-fitting or new shoes feel easy. It is a certain cure for chilblains, sweating, damp, callous and hot, tired aching feet. We have over 10,000 testimonials of cures. Try it today. Sold by all druggists and shoe stores. By mail for 25c. in stamps. Trial package FREE. Address Allen S. Olmsted, Le Roy, N. Y.

Sardines are now being packed in glass bottles, low, wide-mouthed shape. They look much cleaner, and they are far handier than the old-fashioned tins.

INNOCENT CHILDREN SACRIFICED.

The "slaughter of the innocents" continue, until it is estimated that fully one-fourth of the human race die before attaining their fifth birthday, owing in great measure to our rigorous and changeable climate. And there are thousands of adults, even in this land of plenty, that stomach, liver and bowel complaints are reducing to confirmed invalidism, whom Hostetter's Stomach Bitters would promptly relieve and invigorate. Malaria, rheumatism and kidney trouble yield to the Bitters.

The Congregational church in Gilsum, N. H. completed 125 years of existence the other day. The damask linen cloth, woven on a hand loom, about 1790, is still used to cover the communion table.

AN OPEN LETTER TO MOTHERS.

We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark.

I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years. Look Carefully at the wrapper and see that it is *the kind you have always bought*, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President.

March 8, 1897. SAMUEL PITCHER, M.D.

Coal mined in China is being exported to California, and it is said that in a few years the Flowery Land will supply the whole Pacific coast.

FITS Permanently Cured. No fits or nervousnes after first day's use of Dr. Kline's Great Nerve Restorer. Send for FREE $2.00 trial bottle and treatise. DR. R. H. KLINE, Ltd., 930 Arch street, Philadelphia, Pa.

Woman is a subject never mentioned in Moocco. It would be considered a terrible breach of etiquette to ask a man about his wife.

After being swindled by all others, send us stamp for particulars of King Solomon's Treasure, the ONLY renewer of manly strength. MASON CHEMICAL CO., P. O. Box 747, Philadelphia, Pa.

HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O.

We the undersigned, have known F. J. Cheney for the past 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, O.
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Hall's Catarrh Cure is taken internally, acting directly on the blood and mucous surfaces of the system. Price 75c per bottle. Sold by all druggists. Testimonials free.

Hall's Family Pills are the best.

The long tails of the Shah of Persia's horses are dyed crimson for six inches at their tips—a jealously guarded privilege of the ruler and his sons.

HOME PRODUCTS AND PURE FOOD.

All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose. *"Tea Garden Drips"* is made from Sugar Cane and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by the PACIFIC COAST SYRUP CO. All genuine *"Tea Garden Drips"* have the manufacturer's name lithographed on every can.

We will forfeit $1,000 if any of our published testimonials are proven to be not genuine. THE PISO CO., Warren, Pa.

YOUR LIVER Is it Wrong? Get it Right. Keep it Right.

Moore's Revealed Remedy will do it. Three doses will make you feel better. Get it from your druggist or any wholesale drug house, or from Stewart & Holmes Drug Co., Seattle.

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Plain or with Cutter. The best needle in the market. Used by all sack sewers. For sale by all general merchandise stores, or by

WILL & FINCK CO., 820 Market Street, San Francisco, Cal.

INDIAN WARS—1847-56. Write for information important to **survivors** and **widows** of Indian war veterans. TABER & WHITMAN CO., Pension and Patent Attorneys, Washington, D. C.

RODS for tracing and locating Gold or Silver Ore, lost or buried treasures. M. D. FOWLER, Box 337, Southington, Conn.

Footballers Strike.

Professional football players, representing the Scottish League in the International League, struck five minutes before the kick-off in their match against Ireland, refusing to play unless they were given £1 each. They were in receipt of the regular wages, but rather than have the international match stopped the committee league granted the extra pay.

Russian Iron Duty.

The Russian manufacturers of iron have asked for a decrease of duty on cast iron to 20 copecks per pound. These works have an annual output amounting to a value of more than 60,000,000 roubles and employing about 35,000 workmen. According to the present Russian customs tariff cast iron pays a duty of 30 copecks per pound ($1.42 per 220 pounds).

Established 1780.

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celebrated for more than a century as a delicious, nutritious, and flesh-forming beverage, has our well-known

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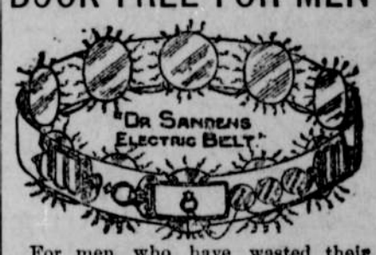

For men who have wasted their vigor and youthful energy, who feel slow, stupid and weak; for young men, middle-aged and old men who would like to be stronger, Dr. Sanden offers free a book that is worth $1,000 to any weak man. It tells and proves by hundreds of grateful letters how Dr. Sanden's Electric Belt restores the old snap, the vim, the vigor. Call or send for it; it is free, by mail or at office. A book for the ladies, also.

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1 Pkg.	13 Day Radish,	10c
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Worth $1.00, for 14 cents.

Above 10 pkgs. worth $1.00, we will mail you free, together with our great Plant and Seed Catalogue upon receipt of this notice and 14c. postage. We invite your trade and know when you once try Salzer's seeds you will never get along without them. Potatoes at $1.50 a Bbl. Catalog alone 5c. No. P.C.

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