

St. Jacobs Oil cures Rheumatism.
St. Jacobs Oil cures Neuralgia.
St. Jacobs Oil cures Lumbago.
St. Jacobs Oil cures Sprains.
St. Jacobs Oil cures Bruises.
St. Jacobs Oil cures Soreness.
St. Jacobs Oil cures Stiffness.
St. Jacobs Oil cures Backache.
St. Jacobs Oil cures Muscular aches.

Patriotism.

"Aw, you know, you may celebrate Christmas as best you know how," said the supercilious Englishman, "but you can't come up to the old English plum pudding you know."

"Sir," said the patriotic American, with asperity, "our home made, or still more the bakery-made mince pies can produce as fine a line of nightmarish as any English plum pudding ever boiled."—Indianapolis Journal.

Rheumatism

Is one of the troubles peculiar to this season, owing to the overworked condition of the liver and kidneys, which are unable to expel the impurities from the blood. Hood's Sarsaparilla is wonderfully successful in curing this disease. It neutralizes the acid in the blood and permanently cures the aches and pains which other medicine fails to relieve.

Hood's Sarsaparilla
Is America's Greatest Medicine for Rheumatism.
Hood's Pills cure sick headache. 25 cents.

Floated to the Roof.

A rather ingenious method of replacing the roof of a standpipe was resorted to recently by the water works department at Napoleon, O. Some time ago, in a violent wind storm, the roof was blown off, together with the upper part of the ladder leading to the top. Since then several plans for making the repairs have been considered, but the following was decided upon as the most feasible: The water was withdrawn from the standpipe and a raft was built inside. When the water was turned on the raft, laden with workmen and their tools, was gradually sent upward at the rate of 25 feet per hour, it requiring five hours to make the ascent. Hooks and pulleys were then attached to the pipe and material was drawn up on the outside, while the men performed their work, using the raft for a platform.

If you want the best wind mill, pumps, tanks, plows, wagons, bells of all sizes, boilers, engines, or general machinery, see or write JOHN POOLE, foot of Morrison street, Portland, Oregon.

Everyone who gets up an amateur entertainment says that he will never get up another. He has a harder time than the man who gets up a picnic that is rained on.—Acheson Globe.

When coming to San Francisco go to Brooklyn Hotel, 208-212 Bush street. American or European plan. Room and board \$1.00 to \$1.50 per day; rooms 50 cents to \$1.00 per day; single meals 25 cents. Free coach. Chas. Montgomery.

A Yarmouth (England) man was smoking a pipe when a spark dropped into the tuck of his trousers and burned a hole. He made a claim for loss under his fire insurance policy, and the company paid the damage.

To Cure a Cold in One Day
Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

Not Ready for Sacrifice.

"The doctor would like to see you inside," said the maid to the caller in the reception room.

"Not much," said the startled patient. "He can't try an X-ray on me."

—Philadelphia Times

Life insurance companies reject about three-fourths of the applicants who have been gymnasts, because it has been found that most of them have strained their hearts by excessive exercise.

CONSULTING A WOMAN.

Mrs. Pinkham's Advice Inspires Confidence and Hope.

Examination by a male physician is a hard trial to a delicately organized woman.

She puts it off as long as she dare, and is only driven to it by fear of cancer, polypus, or some dreadful ail.

Most frequently such a woman leaves a physician's office where she has undergone a critical examination with an impression, more or less, of discouragement.

This condition of the mind destroys the effect of advice; and she grows worse rather than better. In consulting Mrs. Pinkham no hesitation need be felt, the story is told to a woman and is wholly confidential. Mrs. Pinkham's address is Lynn, Mass. She offers sick women her advice without charge.

Her intimate knowledge of women's troubles makes her letter of advice a wellspring of hope, and her wide experience and skill point the way to health.

"I suffered with ovarian trouble for seven years, and no doctor knew what was the matter with me. I had spells which would last for two days or more. I thought I would try Lydia E. Pinkham's Vegetable Compound. I have taken seven bottles of it, and am entirely cured."—Miss John Foreman, 26 N. Woodberry Ave., Baltimore, Md.

The above letter from Mrs. Foreman is only one of thousands.

PINKHAM'S CURE FOR
GIRLS WHOSE MENSTRUATION
IS UNREGULAR.
Best Compound Syrup. Tastes Good. Use
in time. Sold by druggists.
CONSUMPTION

PACIFIC COAST NEWS

Items of General Interest Gleaned From the Thriving Pacific States.

The Country's Apple Crop.

In connection with demand in the East and in Europe for our fruit, we quote from the Orange Judd Farmer in regard to the extent of the apple crop: This crop in the United States is smaller than it has been since reliable statistics have been collected. The total supply from the 1898 crop of the United States is 27,000,000 barrels, as compared with something over 40,000,000 barrels last year and 70,000,000 in the record-breaking crop of 1896. The failure is widespread, reaching from the Pacific coast to Maine, and in none of the states does the output of fruit approach an average. (This is not true, however, where the crop is not a failure.) In the great apple states of the Central West the crop is almost a total failure, although the situation in Michigan is better than elsewhere, having about two-thirds of the bumper crops of 1896. New York has only one-fifth of a full crop. The failure is attributed to the fact that during the blooming season there was an excessive rainfall, which washed out the pollen and prevented proper fertilization by insects, while a cold wave added to the injury, and subsequent moist, humid weather was very favorable to the development of fungus diseases. The Ontario crop is decidedly short. The crop of Europe is reported below the normal.

Idaho's Mineral Output.

The mines of Idaho have shared the general prosperity of the state. In every section of the commonwealth new strikes were made during the year just closed, and many of them have developed into promising properties. The state's mineral production for 1898 is \$1,659,570 more than it was last year, and \$3,668,010 more than in 1896. J. W. Cunningham, superintendent of the United States assay office at Boise, has made an estimate of the production of the state for the past year, upon which the foregoing comparison is based. The following gives the actual production for 1897, and the estimated production for 1898:

	1897.	1898.
Gold, ozs.....	110,000	\$2,275,700
Silver, ozs.....	6,600,000	7,740,000
Lead, lbs.....	11,467,200	9,575,700
Total.....	\$1,659,570	\$13,729,885

In 1896 the gold production of the state was \$2,323,700; silver, \$4,464,745; lead, \$2,953,350; total, \$11,751,845.

New Milling Company.

A flour milling company, to be known as the M. M. & B. Co., has just been incorporated at Chelan Falls, The incorporators are Messrs. R. T. Murdoch, James Marshall and George D. Brown. It is their purpose to at once inaugurate the building of a 100-barrel flour mill at the falls, although but 50-barrel machinery will be put in at the start. When it is remembered that at present there is but one flour mill between Wilbur and the Cascade mountains, in an area considerably more than 100 miles square, it will be seen that the present move means a large and profitable business from the start.

Olive Crop.

A Los Angeles Times man writes to his paper that throughout a great part of Southern California the olive crop is this year a complete failure. At Fallbrook, in San Diego county, the large acreage of olive trees on the Red Mountain ranch represents a considerable production of the fruit, though neighboring orchards are barren. Beginning at Santa Paula, and extending westward through Santa Barbara county, there is a territory embracing several large orchards, in which the trees are laden with heavy crops. This constitutes the production of Southern California for the present year.

Aiding an Oregon Industry.

The Portland Linseed oil works are desirous of establishing a flax center at Dallas, and offer the farmers the following proposition: First, we will furnish prime, clean seed to each farmer who will sow from 20 to 30 acres or more, this growing seed to be paid back at harvest of crop. Second, we will guarantee the farmers \$1 a bushel of 56 pounds clean and f. o. b. cars Portland. Any further information regarding the successful handling of the flax crop will be cheerfully furnished by E. E. Larimore, manager Portland Linseed Oil works, Portland, Or.

Improving Gas Plants.

A new plant, double the size of the present works, will soon be built at Spokane by the Spokane Falls Gas Light Company, which now estimates spending \$30,000 in improvements. The consumption of gas in that city has doubled within the past two years, necessitating an increased capacity. Twenty thousand dollars will also be spent at Butte, Mont., in doubling the capacity of the gas works there, which are controlled by the Spokane company.

Bond Sale.

The sale of the \$2,000 worth of bonds issued on school district No. 1, of Mason county, Washington, and to run six years at 5 per cent interest, have been sold to the directors of the school, who consider themselves quite lucky in securing the investment.

New Whiskey Distillery.

The new plant for the manufacture of rye whiskey is almost ready to begin operations at Logan, Or., by August Fisher & Co. The rye used will be raised in Clackamas county, and this will make the second whiskey still on the Clackamas river.

By order of the court of Olympia, Wash., the bank building and fixtures of the First National bank of Olympia have been sold for \$15,000 to George M. Heller, of Tacoma.



Prepare for the Ice Crop.

In locating an underground ice house select a knoll in a dry place which rises higher above the surrounding surface than the ice chamber is deep, so that the bottom of the ice chamber will be above the base of the hill. This arrangement is shown by a sectional view in the cut herewith in which a is the hill, b ice house, c drain, d ventilator and e trap.

It is necessary to maintain an ice house as dry as practicable and to exclude all air currents from the ice. For these ends the drain c is placed in the bottom to convey away the drip and the ventilator d at the top to carry off vapor and damp air. The trap e in drain prevents the entrance of air through the bottom of house. It is given special care in construction, the clay being well rammed in about drain to keep out air.

In construction the walls, consisting of 2 by 6 inches, set on mud sills 4 by 8 inches, are boarded up inside and out

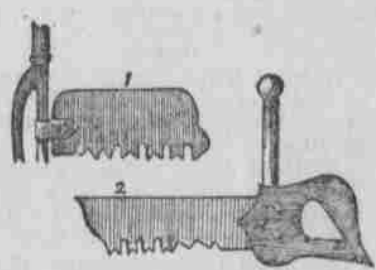


AN UNDERGROUND ICE HOUSE.

with common lumber set close. The space between is packed full of sawdust, tanbark or sand. Outside clay is rammed down tight against the walls for a thickness of 10 to 20 inches. The floor is sloped a little toward the center and loose boards are laid on the ground with ends pointing to center. One-inch spaces are left between boards to form channels to conduct waste water to drain at center. The roof may have gable ends or be hipped. rafters are celled up below with matched boards, making a tight connection with inside sheathing of side walls. At peak of roof a trap door is formed, arranged to be opened and closed from without; over this trap door is built the small ventilator with oblique slats to freely admit air, but keep out rain and sun. Entrance to ice chamber is through a trap door in roof; if vestibule is built over entrance it adds to efficiency of ice house.—Farm and Home.

One-Man Crosscut Saw.

Most crosscut saws are made with two handles and are intended to be used by two men, but it is frequently desirable on the farm to have the saw available for use by a single man. Logs to be sawed may be too large for the bucksaw and a sharp, one-man crosscut will saw almost if not fully as fast as a bucksaw and without the back-breaking effect. In any event, whether a saw is to be used by one or two men, it is an advantage to have one end of it furnished with a two-handed handle. Some small crosscuts are made with such a handle at one end (Fig. 1), but if not, the ordinary handle can be removed from any broad-bladed saw and



THE TWO-HANDLED HANDLE.

a home-made handle inserted (Fig. 2). In use, the Sawyer will of course hold the main stem with his left hand while with his right he will grasp the lower and forked part of the handle. He will be surprised at his increased command over the working of the implement.—Ohio Farmer.

Taking Off Hides.

The National Provisioner, speaking of removing the skins from cattle and calves, gives the following hints, which it will pay any farmer or stock raiser to take note of, for even though one may not kill an animal for eating purposes, no one is so fortunate to never lose one by accident or disease. In skinning beef hides and calf skins keep the back of the knife close to the hide and draw it tightly with the left hand. By following this suggestion the liability to cut or score is considerably lessened. On the foreleg the knife should go down to the armpit, so called, and then forward to the point of the brisket. On the hind leg the cut should be made from the hoof of one down to the back of the leg, semi-circularly across one to the other, and on to the other, and on the hoof. The throat should never be cut crosswise, and the horn and tail bones should always be removed. The operation of salting is equally important. To salt hides thoroughly a water-bucket full of good salt should be used to each sixty-pound hide, the quantity for large and small hides being in proportion. After this they should be rubbed and rolled thoroughly independent of cuts and scores, hides which are not taken off in the manner specified are classed as No. 2.

and if dried on fences or exposed to the sun or weather are only fit for the glue-maker. A butcher's skinning knife should always be used, and no employee should be permitted to take off hides without one, as the loss from one hole in a hide would buy several such knives. These few rules are simple enough, but their adoption means a great deal to the country slaughterer.

Hillside Cultivation.

First take a level and tape line, go 30 feet from the top of hill, measure 30 feet from top all round the hill, setting stakes at each place; then take the level and see what kind of a slope you have to deal with. If medium slope a one-horse plow is sufficient—say a slope of 2 or 3 feet—but for more would require a deeper furrow. Run twice to each 30 feet of ditch. Throw dirt out, leaving a ditch 2 feet wide, 1 foot deep or a little over; on these banks sow or plant blue grass or red clover to hold the banks. Then plant two rows of trees 6 feet from these ditches, prune up to be bushy and thrifty, and then if you wish you can set grape vines along the ditches about 2 feet off. Let rows of trees be 15 feet apart each way, and you have your orchard fixed so as to turn your hogs in when you wish, to pick up all the fallen fruit. By this method you will make both ends meet. The hogs will become healthy and fat, your trees will be free from borers and many other insects that raise in the fallen fruit. The fruit will be much larger and finer and free from rotten spots, and the trees will be vigorous and healthy.—Practical Farmer.

State Care of Roads.

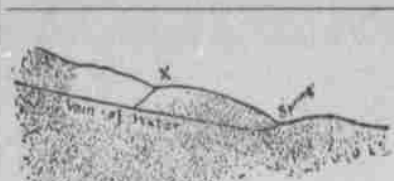
When the State aids the counties to improve the roads it simply taxes both city and country for that purpose. A road is really the property of the State, in one sense, as it is free to the residents of the cities and can be used by any one. But the farmers should not wait for State aid to improve the roads, as they cannot afford to haul their produce over roads that are almost impassable. The tax on each farmer for road purposes is very small compared with the benefits and advantages derived.—Exchange.

Look to Details.

The time has come when the American farmer must look to every detail, both in production and in waste on the farm. If he would keep abreast of his enterprising neighbors. The day has passed when there is a good living in the soil alike for the shiftless and the energetic. Careless methods which obtained on some farms fifty years ago will not now stand the severe competition of improved machinery and intelligent management.

Changing a Spring's Location.

It often happens that a spring is just a trifle too low to permit water to be brought from it to a house or barn by a pipe. It is sometimes possible in such a case to follow the vein of water that supplies the spring back on to higher



SPRING'S LOCATION CHANGED.

ground and give it an outlet there, as at x in the illustration. Sufficient height is then afforded for carrying the water to the building desired. This plan is, of course, only possible where the water vein keeps near the surface.—Orange Judd Farmer.

Horse Notes.

But few farm horses need shoes. Wide tires save much horse power. Axle grease pays 1,000 per cent. profit. Good blankets are profitable if wisely used.

A sandy or muddy road doubles the work. A rise of one foot in ten doubles the draft.

Your horse needs water oftener than you do. The best drivers talk much to their animals.

The whip costs more than it saves. Put it up. Blinders are useless and injurious. Cut them off.

No horse should wear a shoe more than four weeks. Dark or damp stables cause low spirits and various diseases.

Quiet and patient drivers are worth twice as much as any others. Yelling and jerking the bit confuse a horse and advertise a blockhead.

The horse is man's invaluable helper, and should be treated as a friend. You can get no more power from a horse than you give him in his food.

Your horse intends to please you, but does not always know your wishes. If your horse's back is sore, use pure cold water on it freely every time the saddle is removed.

Notes and Comments.

In North and South Carolina cotton culture is giving way to that of tobacco.

Why continue to buy on credit and give a lien on the crop? Mortgages cannot be lifted in that way.

At the Lehi, Utah, beet sugar manufactory Messrs. White and Haywood are feeding 1,200 fine cattle daily with 100 tons of pulp and seven tons of hay. This item is for the purpose of indicating the relative proportions of beet pulp and hay as feed for cattle.

The corn-growing sections of the West are deeply interested in the project to educate Europeans in the use of American corn. Some State officials have taken action to push the exhibit of maize and its cooked products at the Paris Exposition.

Under Two Flags.
He was a soldier of fortune and a prisoner of war. "Come," they said, "sign the parole!" But he only shook his head. "Never!" he said, proudly, "but I've no objections to signing the parole!" No, he wasn't in the war business for sanitary reasons.—N. Y. Journal.

A Double Crop of Apples.
On a Long Island farm is an apple tree which bore two crops of fruit the past year, and the farmers are taking unusual interest in this peculiarity of nature. Just as much interest has been shown in Hostetter's Stomach Bitters, which has the peculiarity of curing dyspepsia, indigestion, constipation and blood disorders that other remedies fail to benefit. In chronic cases it rarely fails, and it cures whenever a cure is possible.

"I think that the prospect for peace is very good," remarked one European. "Yes," answered the other, "unless the czar and the kaiser get to quarreling over who deserves credit for bringing it about."—Washington Star.

DEAFNESS CANNOT BE CURED.

By local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube gets inflamed, you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; time passes out of use are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces. We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that can not be cured by Hall's Catarrh Cure. Send for circulars, free.

Sold by J. C. CHERRY & CO., Toledo, O. Hall's Family Pills are the best.

Mr. Deadbroke.—"How are you, old man?" Mr. Racont—"Bad, very bad. Came near leaving this earth. Why, I've kept my room for over three months." Mr. Deadbroke—"Call that bad? Why, man, I had to give up mine the first time the landlady struck for rent."—Harlem Life.

TRY ALLEN'S FOOT-EASE.

A powder to be shaken into the shoes. At this season your feet feel swollen, nervous and uncomfortable. If you have smarting feet or tight shoes, try Allen's Foot-Ease. It rests and comforts; makes walking easy. Cures swollen and sweating feet, blisters and callous spots. Relieves corns and bunions of all pain and is a certain cure for Chills, Sweating, damp or frost-bitten feet. We have over thirty thousand testimonials. Try it today. Sold by all druggists and shoe stores for 25c. Trial package FREE. Address, Allen S. Olmsted, Le Roy, N. Y.

"These are remarkably fine biscuits of yours, my dear," said Mr. Northside, as he balanced a specimen on the tips of his fingers. Mrs. Northside flushed with pride. "It is so good of you to say so," she murmured. "Yes, indeed," the wicked man went on; "I have rarely seen any so heavy for their size."—Pittsburg Chronicle-Telegraph.

The Shortest Way.

The shortest way out of an attack of neuralgia is to use St. Jacobs Oil, which affords not only a sure relief, but a prompt cure. It soothes, soothes and ends the suffering.

"What makes you say you think there is going to be another war?" "I didn't say I thought so," replied the mild man. "I only said I was afraid so. I merely draw my conclusions by observing people better informed than myself. Magazine people used to wait 15 or 20 years before writing up a war. The way they are rushing copy on this one certainly looks to me as if they saw more business ahead."—Washington Star.

DON'T DELAY....

In securing the COLUMBIA AGENCY for 1899, one day's delay may result in your competitor getting it. We are the only bicycle house having a delivery point in the Northwest. Prompt delivery of all orders assured. Dealers who handle the COLUMBIA and HARTFORD line will have a double advantage over others who do not. We have improved the quality of our products, while our increased output enables us to reduce our prices, as follows:

Columbia Chainless.....	\$75.00
Columbia Model 47-58.....	50.00
Columbia Models 45-49, '98 pattern, '99 improvements.....	40.00

POPE MANUFACTURING CO.,

Controlling Oregon, Washington, Montana and Idaho

A SWORN STATEMENT.

I, C. R. Rollins, M. D., of Grass Valley, Or., voluntarily make the following statement: After having my teeth extracted I have had five visits made at intervals of about one month, three in Portland, one in San Francisco and one in Spokane. With neither of these have I been able to eat a meal's victuals or even an apple or piece of peach. On December 10, 1898, I had my teeth removed by Dr. S. R. S. Temple, First and Alder, Portland, Or., and within twenty minutes after the time they were put into my mouth I was able to eat a common hard winter apple and a piece of dried venison, and at this time, December 10th, have eaten every meal since with the greatest comfort and with no trouble at all. They are a perfect fit and satisfactory in every respect.

References: French Bros. Bank, The Dalles, Or.; Sherman Co. Bank, Wasco, Or.; Wm. Holder, Sheriff of Sherman Co.; Drs. A. S. Nichols and Brother, Portland, Or.

Subscribed and sworn to before me this 15th day of December, 1898.

(SEAL) JOHN GUILLEE, Notary Public for Oregon.

TEETH WITHOUT PLATES

Roots Crowned, Bridges Made. Painless Filling and Extractions.

Dr. T. H. White, Portland, Or.

BUY THE GENUINE

SYRUP OF FIGS

MANUFACTURED BY CALIFORNIA FIG SYRUP CO.

NOTE THE NAME.

RUPTURE CURED.

We guarantee to fit every case we undertake. Don't put it off; write for particulars at once. C. H. WOODWARD & CO., Expert Truss Fitters, 108 Second Street, Portland, Or.

A big yield of both profit and satisfaction will result if you plant

FERRY'S Seeds

They are always the best. Do not accept any substitute—buy only Ferry's, sold by all dealers. Write for the 99-cent Annual—free. O. M. FERRY & CO., Detroit, Mich.

Pure Tea
in packages
at grocers'
Schilling's
Best

Venice Will Be Drained.

Venice without its waters would be a far less picturesque place than it actually is, says the London Chronicle. And such a state of affairs, we are led to believe, may eventually come about. The regular increase in the delta of the Po has been studied by Prof. Marinelli. Comparison of the Austrian map of about 1823 with the records of surveys made in 1893 shows that the mean annual increase during those years has been about three-tenths of a square mile; and from all known data it appears that the total increase during six centuries has been about 198 square miles. The increase is continuing and the Gulf of Venice is doomed in time to disappear. No immediate alarm need, however, be excited, for Prof. Marinelli calculates that between 100 and 120 centuries will elapse before the entire Northern Adriatic will have become dry land.

From Head to Foot.

For all aches, from head to foot, St. Jacobs Oil has curative qualities to reach the pains and aches of the human family, and to relieve and cure them promptly.

Insurance agent—Pardon me, madam, but what is your age? Miss Antiquate—I have been 22 summers. Insurance agent—Yes, of course; but how many times did you see them?—Chicago Daily News.

HOIT'S SCHOOL FOR BOYS.

Now at Burlingame, will remove to its beautiful new home at Menlo Park, San Mateo County, Cal., and reopen January 16th, 1899. Address Ira G. Hoyt, Jr., D., Menlo Park, Cal.

A new kind of cloth is being made in Lyons from the down of hens, ducks and geese. Seven hundred and fifty grains of feathers make rather more than a square yard of light waterproof cloth.

No household is complete without a bottle of the famous Jesse Moore Whiskey. It is a pure and wholesome stimulant recommended by all physicians. Don't neglect this necessity.

Miss Mary Kingsley, the daughter of Charles Kingsley and the most famous modern woman explorer, is said to be contemplating another trip through Central Africa.

I believe Piso's Cure is the only medicine that will cure constipation.—Anna M. Ross, Williamsport, Pa., Nov. 12, 1898.

Originally the custom of raising the hat was a sign of submission, implying that the person uncovered placed himself at the mercy of his foe.

FIT'S Permanently Cured. No fits or nervousness after first day's use of Dr. King's Great Nerve Restorer. Send for 25c. bottle and receive bottle and gratis. DR. R. H. HILL, Ltd., 300 Arch Street, Philadelphia, Pa.

The measurement of a degree of latitude in Spitzbergen is a Swedish project, Russian co-operation to be invited.



Columbia Model 49, \$40.

Hartford, Model 47-58, \$35.00

Venetas, Bicycle "Columbia" 25.00

We job bicycle supplies.

Write for terms and discounts.

POPE MANUFACTURING CO.,

132-34 Sixth St., Portland, Or.

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