



How to Barrel Apples.

There are manufactured barreling presses on the market, but the home-made affair shown in the picture will do as good work, and in some points will do it more conveniently than the commercial press.



FOR BARRELING APPLES.

On the other side, and the whole will remain in place until the head is nailed in. Both ends of the rod should project the same distance above the upper edge of the barrel.

The Dinner Horn.

I love all the sounds listened to by the farmer. All speak with an eloquent voice of rural contentment; but one is a charmer.

Oh, it is the sound of my choice! I mean the utensil that hangs in the kitchen.

And swings by a string to and fro. That peals out its summons, men's lives to enrich.

Three times every day as they go.

I love the cock-crow at the coming of morning.

Lamb's bleating gives pleasure to me; I hear with delight the crow's "caw" when adjoining.

To where he roosts snug in a tree. There's music for me in a big wagon's rattle.

The clack of a mowing machine Will set me to dreaming, while bawling of cattle.

Or whinny of colts on the green.

Is sure not to jar on my peace and contentment.

And even a cackling old hen Or loud squealing porker calls up no resentment.

And I'm prone to listen; but when there floats on the air from the tree-embowered dwelling.

That summons so loud and so sweet, O'er hill, dale and woodland it echoes so swelling.

So far-reaching, piercing and fleet, I welcome its message with kindly rejoicing.

To all it means surcease of toil; "Refreshment and rest" is the burden it's voicing.

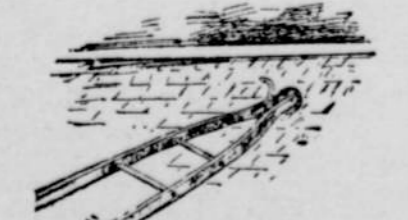
To labor-worn tillers of soil. So, here's to the trumpet that hangs in the kitchen:

It summons men home from the corn. From hayfield and fallow, life's hour to enrich.

The battered old tin dinner horn.

Farm Fire Ladder.

The constant danger that farm buildings may take fire and have no adequate attention, owing to the lack of fire apparatus and of men, makes it important that all possible precautions be taken that incipient fires may promptly be put out.



A FIRE LADDER.

roof is of the greatest importance. The cut shows one that can quickly be put in place. It is in the form of a fruit ladder at the top, and has a small wheel at the end, as shown. It can thus be shoved up over the roof without catching on the shingles.

Here in Arizona alfalfa is an excellent honey producer. But to be a truly good honey plant it should be allowed to reach full bloom.

to plant an extra strip for the bees. Recent investigation shows plainly that alfalfa should be cut prior to coming into full bloom to make a good hay that will be a safe feed for horses and young stock.

Fertility and Mineral Manures. There is widespread belief among farmers that while stable manure increases fertility the application of mineral commercial fertilizers tends to more rapidly exhaust it.

Kerosene Emulsion. To make the emulsion, dissolve one half pound of hard soap in one gallon of soft water, and while still boiling hot remove from the fire and add two gallons of kerosene.

Simple Remedy for Ants on Trees. Last fall I planted a number of shade trees, says a correspondent. This spring the black ants took possession of one of them, and I soon discovered that unless I used heroic measures they would destroy the tree.

Cure for cratching. My hens bothered us some by digging in the garden and flower beds until I fixed what I call a poke and fastened it on their leg.

The Toad in the Garden. To most people a toad is nothing but an unsightly reptile which is to be shunned. The toad is a reptile, to be sure, but it is one that is not only harmless, but is of great use to the gardener.

Tarring the Sheep's Noses. After the sheep are shorn, their noses should be rubbed with some tar, to repel the fly which lays the egg that hatches into a grub and enters the head.

How to Give a Hog Medicine. Loop a rope 1/2 inch or 5/8 inch on upper jaw; tie other end of rope to post or beam up to six or eight feet; then you have your own way. Put the medicine in long-necked bottle and pour it in the hog's mouth.

From a 'mail Beginning. Admiral Sampson says that the best training for a naval life is "hard work from the very start."

Alfalfa as a Honey Plant. Here in Arizona alfalfa is an excellent honey producer. But to be a truly good honey plant it should be allowed to reach full bloom.

When Company Comes in Country.

Begin to enjoy yourself when your guests begin to arrive—in fact, before they arrive. Do not try to serve such an elaborate dinner that the work of getting it ready will draw so upon your physical powers that they will be strained to their utmost endurance.

Cucumber Boats. Peel the cucumbers, cut them in two lengthwise, and scrape out the seeds. Put the pieces on ice till wanted, then fill with the following mixture: Chop tomatoes and celery, and add a few drops of onion juice, also mayonnaise dressing.

Germany publishes about 20,000 books a year, France 11,000, Italy 9,000, England 6,000 and the United States 5,000.

Every woman believes that her husband is a child in some respects, and that she must be on the alert to keep things out of his grasp that he wants, but which are not good for him.

After the Honeymoon. She—You must think I'm a goose. He—Oh, no! You are wrong; entirely wrong. What I had in mind was a buzzard.—Chicago Times-Herald.

A Man of Thrift. She—Where are you going to spend the summer? He—I'm not going to spend it at all. I'm going to save it till next winter and see if I can't get the janitor of the flat to use it in the rooms I occupy.—Detroit Free Press.

Microbes are now understood to be necessary to human life. It is our tendency, we believe, to regard as necessities today what were merely conveniences yesterday.—Detroit Journal.

Overestimation.

Father—What is the meaning of that black eye, my son? Johnny—Oh, that's merely a mark of esteem, father. Father—How so? Johnny—I esteemed myself a better boxer than Tommy Jones.—Chicago Daily News.

Brain Work and Exercise. Three hours of brain work will destroy more tissue than a day of physical exercise. Many men and women earn their living by their brains.

In Germany a clock has been made that is warranted to go for 6,000 years.

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

WEST & TRUAX. Wholesale Druggists, Toledo, O. Walsburg, Kansas & Marvin, Wholesale Druggists, Toledo, O.

Ladies Can Wear Shoes One size smaller after using Allen's Foot-Ease, a powder to be shaken into the shoes.

A Sticky Lot. Jennie—Herbie, it says here another octogenarian's dead. What's an octogenarian? Herbie—Well, I don't just know what they are, but they must be awfully sickly creatures.

Mummy Photography. A Paris photographer has introduced a novel style of taking photographs, which he calls "mummy photography."

British official returns of the coal production for last year showed that Great Britain produced 202,130,100 tons, the United States 178,769,000 and Germany 91,055,000.

HOITT'S SCHOOL.

Menlo Park, San Mateo Co., Cal., accredited at the Universities. Location, climate, and careful attention to Mental, Moral and Physical training, places Hoitt's among the foremost schools for boys on the Coast.

The dragon fly can fly backward and sidelong, and can alter its course on the instant without turning.

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

More than 4,000,000 women work for their living in Great Britain.

Remember that you can buy Jesse Moore A. A. Whiskey for the same price that is paid for ordinary whiskey.

A new home for working girls has been opened in New York city.

FITS Permanently Cured. No ether narcotics after first day's use of Dr. Kline's Great Nerve Restorer.

That sleeping or waking snakes never close their eyes is a curious fact.

I never used so quick a cure as Pilo's Cure for Consumption.—J. B. Palmer, Box 1171, Seattle, Wash., Nov. 25, 1895.

The elephant has 4,000 muscles in his trunk alone, while a man has only 577 in his entire body.

Heed the Red Flag of Danger! Red pimples, blotches, boils, sores are danger signs, and of torpid liver, poisoned blood, Cascarets Candy Cathartic will save you.

Mistaking the Operation. A very short-sighted old gentleman going into one of our large towns for the first time, and coming from the heart of the country, seeing a man digging, went to him and said:

"My man, for whom diggest thou this long and narrow grave?"

"But the man took no notice. Going closer, he remarked again:

"My man, for whom diggest thou this long and narrow grave?"

The man looked up and said:

"Go on, you silly old fossil! I'm laying gas pipes!"—London Answers.

British official returns of the coal production for last year showed that Great Britain produced 202,130,100 tons, the United States 178,769,000 and Germany 91,055,000.

More than 6,000,000 messages are sent each year over the 150 separate submarine cables which girdle the earth. The 150 cables were laid at an estimated cost of \$250,000,000.

"Be Strong in the Battle of Life."

Happy is he who is prepared by perfect health, to win life's battle. Health comes only with absolutely pure blood.

Hood's Sarsaparilla Never Disappoints

CARTER'S INK

Is what all the great railroads use

PORTLAND-CHICAGO SPECIAL

A Gilt-Edged Train Put on by O. R. & N. —All Modern Equipments, and Run Through Without Change.

Buffet-library cars of the latest build have been placed in service on the O. R. & N. fast mail trains. The library car embraces a spacious smoking saloon, furnished with easy chairs, writing desks, a well-selected library of standard and popular books, guide-books and current periodicals, a well-stocked buffet, a barber shop and an apartment for baggage.

The Oregon Short Line have also inaugurated a modern dining-car service, giving uninterrupted dining-car service via the O. R. & N. and its connections to and from the East.

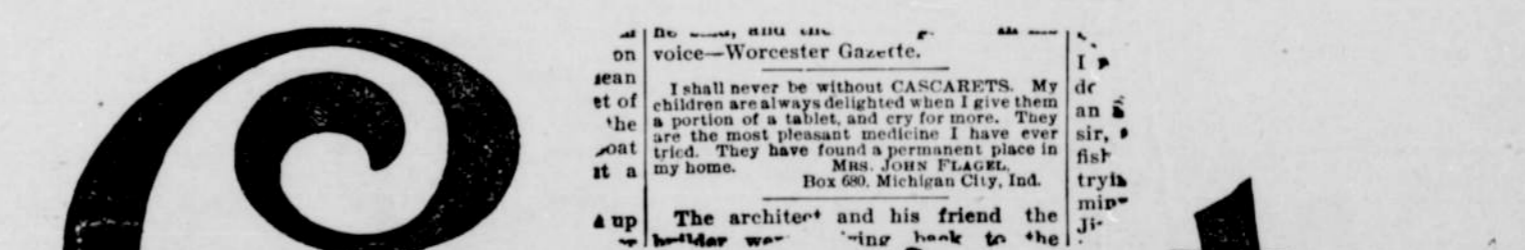
American exports of manufactured goods now average \$1,000,000 a day.

One of the best cosmetics for bicycle riders or persons upon the water, is fresh cucumber juice. This will aid in keeping the skin of the face soft and smooth.

The oil left from sardines is an excellent substitute for butter in mixing fish cakes.

Good For Little Folks

Children are particularly liable to bowel troubles in the summer time. The best preventive of summer complaint, diarrhoea, dysentery, is to keep the bowels open gently.



ANNUAL SALES, 5,000,000 BOXES.

THIS IS



THE TABLET

THEY WORK WHILE YOU SLEEP

10c. 25c. 50c. DRUGGISTS

CASCARETS are absolutely harmless, a purely vegetable compound. No mercurial or other mineral pill-poison in Cascarets. Cascarets promptly, effectively and permanently cure every disorder of the Stomach, Liver and Intestines.

BUY THE GENUINE SYRUP OF FIGS

... MANUFACTURED BY ... CALIFORNIA FIG SYRUP CO. IF NOTE THE NAME.

Without Good Health

The pleasures and successes of life are almost impossible. Upon the health depends the future. Thousands have built up their systems with

Moore's Revealed Remedy

What has been done can be done again. \$1 per bottle at your druggists.

YOUNG MEN!

For Gonorrhoea and Gleet get Palm's Okay Specific. It is the ONLY medicine which will cure each and every case. No case known it has ever failed to cure.

PISO'S CURE FOR CURS WHERE ALL ELSE FAILS

PORTLAND DIRECTORY.

Fence and Wire Works.

PORTLAND WIRE & IRON WORKS; WIRE and iron fencing; office railing, etc. 334 Aider.

Machinery and Supplies.

CRAWSTON & CO.; ENGINES, BOILERS, Machinery, supplies. 48-50 First St., Portland, Or.

MACHINERY. ALL KINDS

...TATUM & BOWEN... PORTLAND, OR.

JOHN POOLE, PORTLAND, OREGON, can give you the best bargains in general machinery, engines, boilers, tanks, pumps, plows, belts and windmills.

Wholesale Druggists and Photographic Supplies.

RUMAUBER-FRANK DRUG CO. 144 AND 146 Fourth Street, Portland, Oregon.

IF CLAIMANTS FOR PENSION

Write to NATHAN SICKFORD, Washington, D. C., they will receive quick replies. B. 5th N. H. Vols. and 20th Corps. Prosecuting claims since 1873.

Rupture

treated scientifically and confidentially. Guaranteed Cures.

C. H. WOODARD & CO., 108 Second St., Portland.

SURE CURE FOR PILES

ITCHING piles produce moisture and cause itching. This form, as well as Itching, Bleeding or Protruding Piles are cured by Dr. Gosanko's Pile Remedy.

TO FLIES And Mosquitoes.

Use Dayton's Fly Killer. Price 25 cents. Agents wanted. Address: DAYTON HARDWARE COMPANY, Portland, Oregon.

DR. GUNN'S IMPROVED PILLS

ONE FOR A DOSE. Cure Sick Headache and Dyspepsia, Remove Pimples and Purify the Blood, Aid Digestion and Prevent Biliousness.

DR. MARTEL'S BOOK.

Relief for Women

French Female Pills.

Prepared by thousands of satisfied ladies as safe, always reliable and without an equal.

DR. MARTEL'S BOOK.

Send Free in plain sealed envelope. Write for details to Dr. Martel, containing Particulars and Testimonials of DR. MARTEL'S French Female Pills.

Prepared by thousands of satisfied ladies as safe, always reliable and without an equal.

DR. MARTEL'S BOOK.

...GO EAST...

—VIA—



Through Palace and Tourist Sleepers Dining and Buffet Smoking Library Cars.

...FAST TIME...

Service and Scenery Unequaled. For Tickets and all information apply to your nearest agent, or address

A. B. C. DENNISTON, C. P. and T. A., Portland.

R. C. STEVENS, G. W. F. A., Seattle.

CURE YOURSELF!

Use Big G for unnatural discharges, inflammation, irritations or ulcerations of the mucous membrane.

Big G Cures Gonorrhoea, Pains, and Irritations of the Urinary Tract.

Send by Druggists, or write in plain wrapper by express, prepaid, for \$1.00, or 3 bottles, \$2.75. Circular sent on request.

N. F. N. E. NO. 33-99.

WHEN writing to advertisers please mention this paper.