

How to Parrel Apples.

There are manufactured barreling presses on the market, but the homemade affair shown in the picture will do as good work, and in some points will do it more conveniently than the commercial press. A blacksmith, with a few moments' work, will bend a stout iron rod into the shape shown, the rod passing down one side of the barrel, across under it and up the other side, the upper ends being bent as shown. A long lever of wood is slipped into the loop and just the right thickness of blocks placed beneath it to spring the cover down into place. Now draw the lever under the lip of the rod



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 upupper 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

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 enrichen, Three times ev'ry day as they go.

I love the cock-crow at the coming of

morning. Lambs' bleating gives pleasure to me; I hear with delight the crow's "caw!" when adjourning

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 con-

tentment.

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, plercing and fleet,

I welcome its message with kindly re joicing;

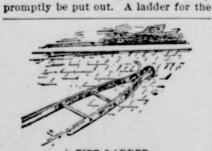
To all it means surcease of toil; "Refreshment and rest"" is the burden

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

enrichen 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



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. A hook is placed in the position shown, so that the ladder, when shoved up to the ridge, can be turned over, when the hook will hold it firmly in place. Make the ladder long enough for any roof you have, and have another that will reach any roof edge.

Alfalfa as a Honey Plant.

Here in Arizona alfalfa is an excelent honey producer. But to be a truly good noney plant it should be allowed o reach full bloom. If, however, you rant the alfaifa for the hay, it is best | wood his father sawed.

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. If it is allowed to begin to mature the hairy growth on the stalks of the alfalfa plant becomes hard and woody. These hairs gather into knots or balls in the stomachs of horses. In time these balls may cause death .- A. H. Gibson, Arizona.

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. Really, however, to the extent that manure in any form makes bigger crops than what it supplies plant food for, it tends to exhaustion. Applying nothing but stable manure, which is usually deficient in phosphate and potash, takes those minerals out of the soil faster than they would be drawn were the manure not The loss of the mineral eleused. ments is not so easily seen as the waste of vegetable matter in the soil where only the commercial mineral fertilizers are used. Besides, the mineral manure is generally sold in a form to be quickly taken up by crops. It is impossible to make stable manure so soluble that some of its elements will not be left in the soil for future crops.

Kerosene Emulsion.

To make the emulsion, dissolve one half pound of bard soap in one gallon of soft water, and while still boiling hot remove from the fire and add two gallons of kerosene. Stir the mixture violently by driving through a force pump back into the vessel until it becomes a creamy mass that will not separate. The emulsion is then ready to be diluted with water and applied. For the common scale insects and hardbodied insects like the chinch bug, use one part of the emulsion to eight or ten parts of water. For soft-bodied insects like plant lice, use one part of emulsion to fifteen or twenty parts of water. As the emulsion kills by contact the application should be very thor-

Simple Remedy for Auts 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. Paris green, camphor, gasoline-all were tried without success.

I discovered they deposited their egg on the stem of the leaf upon which the young feed, and in their determination to get up to look after their numerous families. I found the remedies above named of no avail. As a last resort I bought "Tanglefoot fly paper," tied it securely around the body of the tree and in forty-eight hours every ant was gone.

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. It is made of a piece of white ash about 6 or 7 inches long, flattened at one end and sharpened on the other. The flat end is bent around the hen's leg and tied with some strong thread. It drags be



ANTI-SCRATCHING DEVICE.

hind when they walk, but when they go to scratch, they sit down, and seem quite surprised. Heavy wire would furnish good ones and are more easily made.-C. W. Shorter, in American Agriculturist.

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, as every worm or insect that comes within reach is devoured greedily. Centipedes, caterpillars, blister beetles and bugs of every kind are equally welcomed by the toad. He uses them all alike. Half a dozen toads in the garden will keep it free from most of the ordinary garden pests. They are easily tamed and spend the day in some shaded nook along the fence or under a cabbage leaf, coming sedately forth at night to find their food .-Farmers' Voice.

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. It is very little trouble to tar all the sheep's noses in a flock if you only know how. Put a little salt over the tar, and in their anxiety to get at the salt the sheep will tar their own noses effectually, and will very likely rub their tarred noses on the sides and shoulders of other sheep. This is why it is best to shear the sheep before tarring them.

How to Give a Hog Medicine.

Loop a rope 1/2 inch or 5/4 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. He will do the rest. The same method can be used to ring hogs, as it enables one man to do two men's work and do it easily .- Jos. E. Fischler.

From a 'mall Beginning. Admiral Sampson says that the best training for a naval life is "hard work from the very start." This was his own lot, for his father was a day laborer, who sawed wood from house to house near Palmyra, N. Y., and the son began life by splitting and piling the

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 eleaborate dinner that the work of of esteem, father. getting it ready will draw so upon your physical powers that they will be strained to their utmost endurance. When your visitors arrive greet them Daily News. with a hearty handshake, make them feel that you are ready for their coming; speak of the pleasure that you hope the day may bring; compliment cise. them on their good appearance; notice be thoroughly interested in each and every one. When the time comes for covers the neck of the bottle. you to prepare the dinner and place it upon the table, leave your guests as gracefully as possible. If the dinner be not too elaborate, and the mental atmosphere be clear and bright, your friends will come again. "Eat to live," and not "Live to eat," should be the motto of every household. - Mrs. John B. Sims, in Ladies' Home Journal.

Cucumber Boats.

Peel the cucumbers, out 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 mayonnnaise drassing. Arrange the boats on lettuce leaves, and garnish with thin slices of radishes with the red skin left on. Any good salad mixture will make a nice filling .- American Salad Book.

9,000, England 6,000 and the United States 5,000.

but which are not good for him .-Atchison Globe.

After the Honeymoon.

She-You must think I'm a goose. He-Oh, no! You are wrong; entirely wrong. What I had in mind what they are, but they must be awwas a buzzard .- Chicago Times-Her- fully sickly creatures. You never hear

A Man of Thrift. She-Where are you going to spend the summer?

He-I'm not going to spend it at all. Detroit Free Press.

iences yesterday. - Detroit Journal.

Overestimation.

lack eye, my son? Johnny-Oh, that's merely a mark

Father-How so? Johnny-I esteemed myself a better boxer than Tommy Jones.-Chicago

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> A Sickly Lot. Jennie-Herbie, it says here another octogenarian's dead. What's an octo-

genarian? Herbie-Well, I don't just know

Mummy Photography.

A Paris photographer has introduced a novel style of taking photographs, I'm going to save it till next winter which he calls "mummy photograand see if I can't get the janitor of the phy." The subject is swathed in and Germany 91,055,000. The values flat to use it in the rooms I occupy .- mummy cerements, put into a genuine by the ton at the pit's mouth were resarcophagus imported from Cairo, and spectively 5s 11d, 6s 71/d and 7s 11/d. pictured in an upright position. A Microbes are now understood to be smiling, living face looking out from necessary to human life. It is our ten- embroidered grave clothes gives an odd dency, we believe, to regard as neces- effect. No French actress' salon is submarine cables which girdles the sities today what were merely conven- complete without a counterfeit present- earth. The 150 cables were laid at an ment of her own mummy.

HOITT'S SCHOOL.

Father—What is the meaning of that lack eye, my son?

Johnny—Oh, that's merely a mark

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.—S. F. Caronicle. Will re-open in the new building August 15th, (9th year.) Ira G. Hoitt, Ph. D., Principal.

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

I never used so quick a cure as Piso'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 signals of torpid liver, poisoned blood. Cascarets Canday Cathartic will save you. All druggists. 10c, 25c, 50c.

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: this long and narrow grave?'

The man looked up and said: "Go on, you silly old fossil! I'm of 'em but they are dying.-Tit-Bits. 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

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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. New chair cars of the latest pattern and new baggage and mail cars are to be added to the present through service of new Pullman palace and Pullman tourist sleepers, which have recently been placed in service and just out of the builders' hands. The entire train will be vestibuled, making East and Westbound trains equal if not superior to "My man, for whom diggest thou many of the widely advertised limited trains in the East.

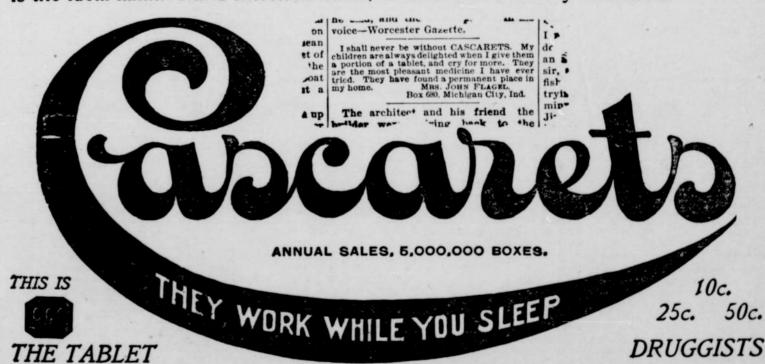
> American exports of manufactured goods now average \$1,000,000 a day.

> 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. To extract the juice from the cucumber, first peel it and then cut it into thick slices and press the juice out with a lemon squeezer. A simple and harmless remedy for sunburn is to bathe the face in buttermilk.

> The oil left from sardines is an excellent substitute for butter in mixing

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. The delicate tissues of a child's intestines should never be abused by the use of violent purges. The only liver and bowel regulator fit to be used by children is the ideal laxative and intestinal tonic, CASCARETS Candy Cathartic.



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