

PSYCHE AND THE POTBOILERS.

She got behind I've painted, And read them first through new door...

NANCY'S WAGES.

"Twelve o'clock and the washing ain't out yet," said Nancy Norton, with a frightened glance at the clock...

of those clear hazel eyes—the sunshine of that winning smile. "Nothing is the matter," she said, "except the washin' is behind to day, and I'm clear discouraged and tired out."

Sam at once and secure her. This hired girl business will be the death of me." Brother Sam was sitting on his porch reading the newspaper, as Mr. Norton came up.

HOME AND THE FARM.

A DEPARTMENT MADE UP FOR OUR RURAL FRIENDS.

How to Properly Build a Hay-Stack—An Idea in Grafting by Which One Year's Time Is Saved—Self-Locking Cattle Fastener—Barraging Corn.

Stacking Hay. In stacking hay, as in everything else, it is important to begin right. The old way was to build the stack directly on the ground, and afterward with a hay knife cut under the edges so that they should not be frozen in the snow.

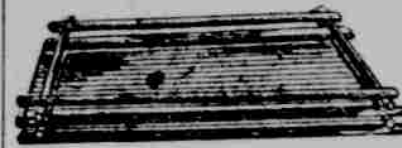


FIG. 1. RAIL FLOOR FOR HAY STACK.

to the objection that the hay would absorb moisture from the ground and usually at least half a ton of it would become moldy and spoiled before it was used.

Begin by putting down a flooring of rail laid close together. On this floor build a crib, "cob-ho" so fashion, two rail high, as shown in the illustration, Fig. 1, placing the best and heaviest rails on top.

The lines a, a, show the gradual increase of diameter while the stack is being built, but by the time it is completed, this portion has settled to the position indicated by the dotted lines, b, b.

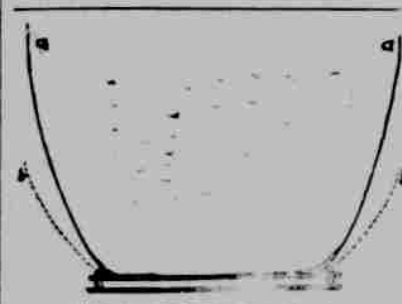


FIG. 2. BUILDING THE STACK.

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FIG. 3. SECTION OF WELL-BUILT STACK.

hay. A beginner frequently stands in the middle and places the hay around him, but exactly the opposite course should be pursued. The stacker should walk slowly round the outer edge of the stack, laying the hay in courses, until it is well above the shoulder, after which he should remain nearer the middle.

Every Kind of Paper. Paper can be manufactured out of almost anything that can be pounded into pulp. Over fifty kinds of bark are said to be used, and banana skins, bean stalks, pea vines, coconut fibre, clover, and timothy hay, straw, sea and fresh water weeds, and many kinds of grass are all applicable.

INTERNATIONAL ATHLETICS.

England Far Ahead of Us in Outdoor Sports.

The certainty of a contest between the athletic teams of Yale University and Oxford University, England, will lend keener zest to mid-summer college sports this year than they have had for some time.

Athletics are still in their youth in this country. Marked as the progress is that has been made during the past two years, there is a long margin to fill up before the American nation will stand on a par with the English.

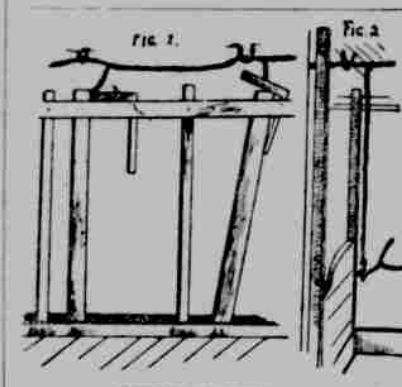
Here is an idea in grafting that I have never seen in print, says a correspondent of the Rural New Yorker. It is practical and quick, because there is no waiting for something to grow.



A NEW METHOD OF GRAFTING.

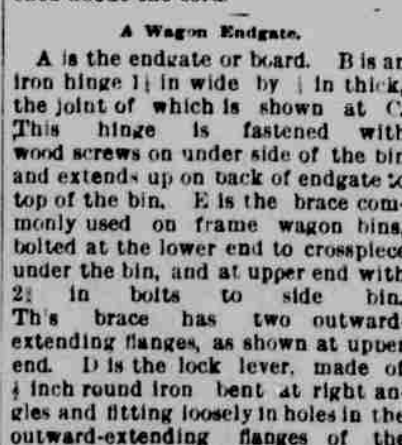
in the stump, being careful to make the bark of the scion match the inner bark of the stump; then pack the soil firmly about the graft and cover the stump level with the surface of the surrounding soil.

Where the old-fashioned cattle stanchions are still in use, it will be found convenient to make use of some such arrangement as is presented in our illustration, Fig. 1.



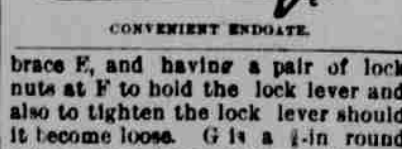
SELF-LOCKING CATTLE FASTENER.

and a safeguard against the danger of an animal getting loose and injuring others, as very often happens when a pin is used as a fastening. If a cord is connected with every stanchion in a row in the manner shown in the sketch, every animal in the row may be set free in an instant should a fire make such a thing desirable.



A WAGON ENDGATE.

A is the endgate or board. B is an iron hinge 1 1/2 in wide by 1/2 in thick, the joint of which is shown at C. This hinge is fastened with wood screws on under side of the bin and extends up on back of endgate to top of the bin.



CONVENIENT ENDGATE.

brace E, and having a pair of lock nuts at F to hold the lock lever and also to tighten the lock lever should it become loose. G is a 1/2 in round rod passing down through the opposite end of the bin to hold endgate in place on opposite side.

To PROMOTE early maturity with any class of stock good feeding must be practiced from the start to the finish.

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The public opinion of England carry this spirit with them all through life. There are no more hearty cheers given at an Oxford Cambridge boat race and at the annual games of these and other colleges than are given by the men who sit in Parliament.

The old question whether athletics are not being carried too far will surely be asked in connection with these international contests. The English have been an athletic nation for 1,000 years and for the most of that time they stood in the van of civilization.

The Ancient Telegraphy. The Ancient Greeks and Romans practiced telegraphy with the help of pots filled with straw and twigs saturated with oil, which being placed in rows, expressed certain letters according to the order in which they were lighted.

On the surface of each floated a piece of cord supporting an upright marked off into divisions, each division having a certain sentence inscribed upon it. One of the vessels was placed at each station, and when either part desired to communicate he lighted a torch, which he held until the other did the same, as a sign that he was all attention.

Population of Oregon. In the election of 1890 Oregon threw 72,400 votes. The vote of the State this year is about 15,000 more. The proportion of the votes to the population in 1890 was 1 to 41. On this proportion the population of the State has increased 67,500 in the last four years.

An Easy Step. The word "bougette" is from the old French "bougette," a bag, and it obtained its parliamentary significance because the chancery clerks used to bring their papers relating to financial matters in a leathern bag, and introduced their plans for the year by opening the "bougette" and laying them on the table.

The word "budget" is from the old French "bougette," a bag, and it obtained its parliamentary significance because the chancery clerks used to bring their papers relating to financial matters in a leathern bag, and introduced their plans for the year by opening the "bougette" and laying them on the table.