

# SAVE MANY DOLLARS IN HOME-MADE APPLIANCES

SMALL POULTRYMEN CAN MAKE MORE PROFITS BY USING SIMPLE DEVICES.

By MICHAEL K. BOYER. (Poultry Editor of The Farm Journal.) (Copyright.)

If your capital is limited you want to be economical about fitting up and keeping your poultry plant in repair. There are dozens of home-made devices you can use that save not only time and money, but are best adapted to your individual needs.

For instance, a spool is as good as a pulley for many purposes. Sometimes you can't find your staples—a bent nail is just as good. Or you want to stretch wire fence where there are few posts. A heavy wire run through the fence mesh will hold it up with few posts.

These are things worth knowing, and yet they might not occur to the less-experienced poultryman unless pointed out to him.

Mr. Boyer has been through the mill, and in his article this week points out many wrinkles any one can grasp and adopt.

The Single Comb Brown Leghorns shown here-with are members of that famous breed, one of the earliest imported to America.

The small poultryman generally is a man of limited capital. He cannot afford much expenditure of money, and consequently endeavors to manufacture with his own hands what is needed. While these "fixtures" may be crude, at the same time they serve the purpose.

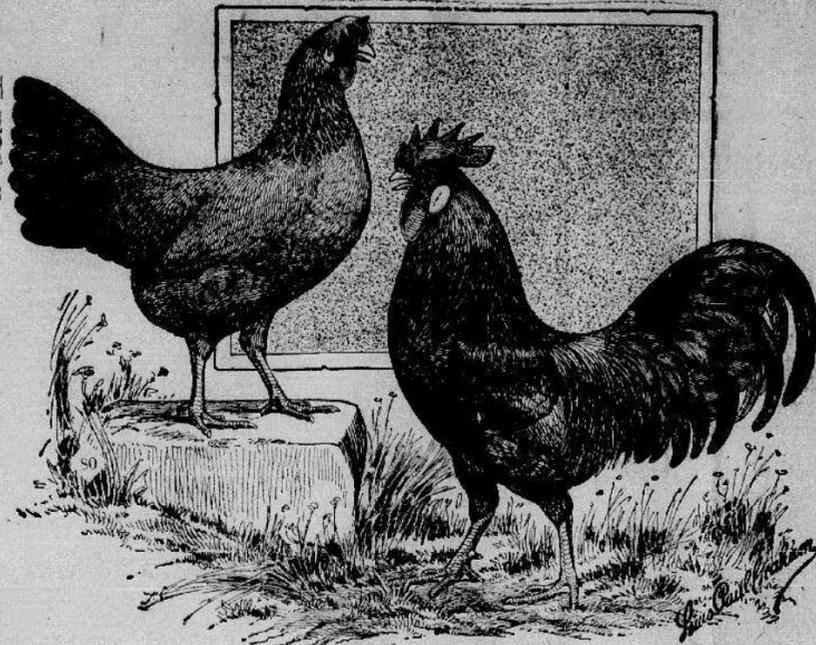
Probably a pulley is needed to carry a rope that is fastened to a window, and which is intended to raise and close a window, or open and shut the small door that is used as an exit by the fowls. But there is no pulley to be found about the place, and a spool is used instead. It is done in this fashion: An ordinary wooden spool (which comes with thread on it) is fastened to a beam, rafter or some other object by using a wire nail. This nail is run through the opening of the spool and driven into a solid object as stated. When the rope or cord is drawn over the spool the latter revolves and the same effect is had as with an iron pulley.

It is necessary to put up some wire netting fencing, and at the eleventh hour it is discovered that the wire staples have been mislaid or all used up. Something must be done. It will be found that small lath nails driven in the post, and then bent over will serve the purpose of staples, and some people prefer this substitute to the staple. There is a long stretch of wire netting fencing to be put up, and posts are scarce. The purpose will be served by running heavy wire through the mesh and tacking it onto the top of the posts. This will hold up the wire and the posts can be from 16 to 32 feet apart, which will be a great saving.

### How to Fix a Gate.

Strong winds play havoc with the gates in the yards, and every now and then they are blown open, due to the fact that this continual shaking loosens up the buttons. There will be no danger if wire is used in place of the buttons. This wire should be run through the frame of the gate to a small ginlet hole being first made, through which the wire is passed, and then bent over, on each side of the gate, so as to form the letter U. The bottom of the letter U represents the part that goes through the frame of the gate, and the sides of the letter are the parts that come down on each side of the post. This holds the gate firm.

Little chicks get into the feed troughs and scratch out and waste considerable of their feed. This can be



SINGLE COMB BROWN LEGHORNS.

The Single Comb Brown Leghorn was one of the original breeds introduced into America about 1830. It has a reputation for heavy laying, and reaching the laying period at an early age. The hens are non-sitters. This variety is much admired for its beautiful plumage and is widely bred by lovers of fine poultry, and it also sought after by those seeking good layers and early broilers, especially squab broilers. Their eggs are white and larger than those of some other Leghorns.

avoided by having feed troughs closed so the chicks cannot get on the inside. Then on each side of this trough, inch holes are bored and the holes a distance of an inch apart. When the chick wants to feed it runs its head through one of these holes and helps itself.

In feeding whole cabbages to the fowls, so much is lost when the cabbage is thrown on the floor. This can be overcome by taking some two-inch wire netting and forming a regular pocket. This pocket can be suspended from the ceiling by a rope, and hung about two feet from the floor so the hens must jump at it. The mesh being two inches, the hens can readily get at the cabbage, and none is wasted.

### Stop Roosters From Fighting

The cock birds get fighting through the fence. A vigorous male on one side of the fence, and an equally spunky one on the other side, are almost sure to have a terrible battle. Coming with great force against the wire they not only cut their combs, but very often so injure themselves that their days of usefulness are ended. There is a way of stopping it. Have a double foot high fence, about six inches away from the main one. After several unfruitful attempts, to reach each other, these "lordly knights" will give up the challenge, and there will be no further trouble. It is worth more than the cost of the additional wire netting to do this.

The setting hen in the regular laying house is not only a nuisance, but a brooder of lice. The way to overcome this anxiety, and at the same time give the hen a more natural nest, and keep down the army of lice, is to have a place outdoors for broody hens. Take a barrel and lay it on its side. To keep it from rolling dig out some dirt so the barrel will lay in a shallow ditch. The excavated dirt can then be placed in the barrel and a nest hollowed out with the hand. In the hollowed out nest place tobacco stems instead of straw. Over the barrel have heavy roofing paper, which will keep out the rain. In front of this barrel nest place a lath run, using the full length of the lath, and each lath an inch apart. After the hatch is over, the nesting material can be removed, and the barrel will become an excellent brood coop. Such a place for the hen and her young chicks is preferable to

## Beautiful Type of Fowl

Opinions differ as to whether the original Leghorns, as imported from Italy, were black or not, as, according to some authorities, other colors are to be found.

The variety, however, first appeared in America about 1835. It has always had a reputation as an excellent layer and a non-sitter, making it necessary to use hens of other breeds for sitting purposes or to employ artificial methods. In plumage, the males have rich red and green feathers and the females soft brown.

They are bred widely by fanciers and by farmers, too, meeting the respective demands of each class being used to improve the general quality of flocks. In this way they have formed the foundation of a number of well-known American breeds, notable among the best layers.

The hens weigh as much as 5 1/2 pounds, although 4 1/2 pounds is a better average. Males go as high as 5 1/2 to 6 pounds. The eggs are larger than those of other Leghorns, and some high-laying records have been credited to this branch of the Leghorn family. The chicks are rapid growers and are easily raised.

They are, however, difficult to confine and generally have to be fenced in by high fences or kept in by clipping their wings. This is due to their love of free range, on which they thrive well. Notwithstanding these drawbacks, the Brown Leghorns make an excellent home flock to supply fresh eggs and meat for the table.

To the breeder they offer excellent opportunities for the exercise of skill and care to get fine results. In fact, some notable exhibits have been seen of Brown Leghorns raised in back yards.

any other style of chick coop, and will be more sanitary.

Fowls can stand considerable cold weather. In proportion to size they can stand considerably more than mankinds. But where there is a large house, and the weather, especially at night, is bitter, the fowls need extra attention, just as we need an extra cover in bed on such nights. Now for the fowls, that "extra cover" can be had in suspending a curtain in front of the roost at night. This curtain can be made of ordinary burlap or hurlap. Tack one end to the ceiling, and in daytime roll it up. At night, after the fowls have gone to roost, let the curtain drop down. It should be long enough to reach to about a foot from the ground. It also should be hung so that it will be a foot away from the roost. This will give ample space for the fowls to jump down the first thing in the morning. This curtain arrangement will mean a great prevention from frosted combs and wattles.

Summer and winter it is best to feed the mash food indoors. This, of course, should be fed in troughs, and after the fowls have finished their meal this trough should be gotten out of the way, or the fowls will roost on it and get it befouled. The writer has found the V-shaped troughs the best, and in the end of the trough, on one of the sides, he fastens a hook. After the fowls have finished the trough is then fastened to the wall—the hook being inserted in an eye that has been fastened to the wall. In this way the fowls have more room, and the trough is kept clean.

Hundreds of little wrinkles similar to these given, will crop up in a poultryman's experience, which will save both time and money, and it is worth while for every one to study up devices that will not only make the work more easy, but which will add interest to the occupation.

## MOTHER-IN-LAW WINS IN COURT OF VIENNA

(By Associated Press Cable.) Berlin, March 7.—The judge of a civil court in Vienna has decided that a husband cannot prevent his mother-in-law from coming to his house to see her daughter.

The decision was given in a case where a railway official named Michna wrote a letter to his mother-in-law forbidding her to enter his house. She disregarded the communications and Michna brought an action charging her with disturbing him in the peaceful possession of his own home, and a bid for a judicial order prohibiting the lady from making any further visits.

It was urged on behalf of the mother-in-law that the wife had the right to receive her mother in the common home of her husband and herself, and that the husband's application was illegal. Rejecting all the evidence as irrelevant, the judge ruled that a husband could not forbid his wife to receive her own mother in the home, and that in accepting her daughter's invitation to come there, the mother was performing no arbitrary act, and therefore, was not interfering with any rights of quiet possession.

## REPORTS FAIR FUND



MRS. POTTER PALMER.

Mrs. Potter Palmer, president of the board of women managers of the World's Columbian exposition, has issued a statement telling of the whereabouts of funds derived from the sale of souvenirs during the world's fair. She says the money, which amounted to \$35,000 at the end of the fair, was invested in securities and placed in a safe deposit box. The fund has grown through interest until it amounts today to \$67,750. This fund is available, to be consolidated with funds from the sale of Isabella coins, and to be used in the work for which it was raised, the permanent betterment of women and children.

## KEEPS HIM CIPHERING.

(From Judge.) "I sigh for you, oh, Molly, dear; For you alone I sigh!" Such was the burden of my song in single days gone by.

But now, alas, I sigh for more! To tell the truth in rhyme, To get the food and clothes for four I cipher all the time!

## ALAS, TOO TRUE.

(From Judge.) "There are more important things in life than money." "Yes; but you haven't the leisure to notice them, if you haven't got the coin."

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- No. 888 Detroit—Better quality, polished; with extra blade **\$1.50**
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No. 9.

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- No. 777 Detroit—Same as above, except extra quality, polished **\$1.75**
- Rhodes' Double Cut—With 30 to 36-inch handles; per pair **\$2.50**



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- No. 9 Disston—Double swivel; adj. blade **95¢**
- No. 25 Disston—With 14-inch adj. blade **\$1.50**
- Disston's "Little Giant" Hook and Saw combined **\$2**



Little Giant.



No. 18 Bishop's Pruning Saw.



No. 10.

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