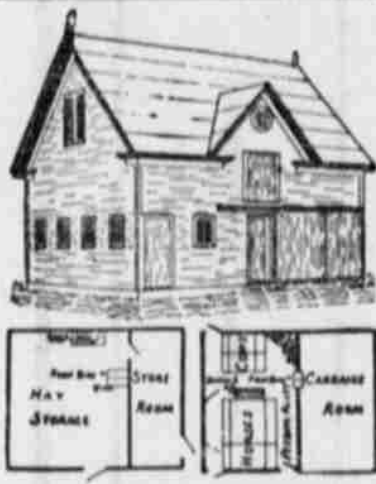


# FARM AND GARDEN

## Suburban or Village Barn.

The building herewith shown is well suited to the needs of the suburban or village resident, or of the man owning a small tract of land, and making a specialty of gardening, poultry, bees, or fruit. Size can be varied within certain limits.

As shown it has one single and one double horse stall. The latter can be used as a box stall. There are two single cow stalls. The cows are loose, being kept in by chains behind them. There is a harness room, shelves for milk pail, etc., medicine cupboard, ventilator, three feed bins in hopper form so as to take little room in the stable and filling from above, and stailway with door balanced with weights at top. The carriage room is large enough for a set of vehicles, or part can be used as a repair shop. The hay loft will hold at least two loads, and some bedding. The store-



GOOD BARN PLAN.

room fills a general need. Outside walls are covered with drop siding, and roof has prepared roofing. Foundation is of grout, brick, or cement blocks. Stable floors are of cement, with wood blocks in stalls. The style of exterior finish may be varied to harmonize with that of the other buildings. A cupola may be substituted for the iron vent cap. This design gives in compact form a complete small barn and stable, at moderate cost.—F. L. Marsh.

## Farm Mechanics.

Every farm should have a workshop. The building may be large or small. It is not necessary to have it very expensive. The tools may be few or many, but what there are should be good. No man can do good work with poor tools, and good tools cost but little more than poor ones. A building 10 by 12 feet will answer for a blacksmith shop with a small vice bench in one corner. If this is fitted with a good chimney, forge, anvil, hammer, tongs and good steel vice, considerable blacksmithing work can be done to advantage.

There should be a small stove to make the shop comfortable in winter. This is very important, because there is more time to work in a shop in the winter, and you can't work with blacksmith's tools in a frosty atmosphere.

Carpenter's work is different. A carpenter's bench may be placed against the side of the building and covered with a shed roof, for, if necessary, carpenter work may be done outside if you have a covered place for the bench and tools.

A much better arrangement is to have a blacksmith shop in one end of a larger building and a carpenter shop in the other end, with a partition between. There should be no shavings lying about a blacksmith shop; there is too much danger from fire. For another reason, the two kinds of work do not jibe well together. It is comparatively easy to keep a blacksmith shop in order, but there is a great deal of litter about a woodworking shop, and a farmer never finds time to keep such things neatly in order.

In buying woodworking tools the best are the cheapest. It is poor economy to buy cheap tools. Not many are needed for common repair work, and a good kit may be had for a few dollars.

Instruction books on mechanics may help a good deal. The principles may be studied out and applied in the shop. The boys on the farm take up such things easily and often make good mechanics.—Agricultural Epitomist.

## Fresh Water for Poultry.

It is essential that water for fowls be changed twice daily, at least, and unless it is kept clean it will occasion disease. Should a fowl be ill, and the owner not be aware of it, as it drinks it is bound to contaminate the water from some discharge, perhaps from its nostrils or from the breath, says the

Mirror and Farmer. A sick bird, of course, should always be removed, but sometimes the farmer or poultryman is unaware that the fowl is sick until it is too late to undo the harm it has done by contaminating the drinking water. The best plan is to keep the water as fresh and the drinking vessels as clean as it is possible to do. A few drops of carbolic acid in the drinking water will assist in keeping it pure, but the acid should be used carefully on account of its poisonous qualities. Washing the drinking fountains or vessels daily will do more to keep the water fresh and pure than anything else. When water is allowed to stand, even if only for a few hours, on throwing it out there will be the smallest accumulation of slime in the fountain, and if they are refilled without washing them, the coating increases until the water, although freshly put in, is unfit for the fowls' use. As the warm weather advances there is more necessity of watching the drinking vessels.

## Increase in Farm Animals.

The Crop Reporting Board of Bureau of Statistics of the United States Department of Agriculture estimates the numbers and values of farm animals on farms and ranges in the United States on January 1, 1909, as follows: Compared with January 1, 1903, the following changes are indicated: Horses have increased 648,000; mules, 184,000; milch cows, 526,000; other cattle decreased 694,000; sheep increased 1,455,000; swine decreased 1,937,000. In average value per head, horses increased \$2.23; mules, 8 cents; milch cows, \$1.63; other cattle, 69 cents; sheep decreased 45 cents; swine increased 50 cents. In total value milch cows increased \$52,888,000; other cattle, \$17,816,000; sheep decreased \$19,104,000; swine increased \$15,764,000. The total value of all animals enumerated above on January 1, 1909, was \$4,525,259,000, as compared with \$4,331,239,000 on January 1, 1908, an increase of \$194,020,000, or 4.5 per cent.

## Corn Crop of 1908.

The Indian corn crop for 1908, amounted to 2,643,000,000 bushels. The crops of three years have exceeded this, but only the crop of one year (1906) exceeded it very much. The value of the crop is estimated at \$1,618,000,000. The price of corn is exceptionally high. There are only two years in which the farm price of this crop was as high as it is for this year. In 1881 the price was 63.5 cents; in 1901, when there was only two-thirds of an ordinary crop, the price was 60.5 cents. The total value of this crop is by far the highest ever reached. The crop of 1902 was worth a billion dollars, and the crops of 1904, 1905 and 1906 were worth \$100,000,000 more; the great increase of \$300,000,000 over the crop of 1902 was made in 1907, and now the increase is \$600,000,000—equal to the gold in the treasury of a rich nation.

## Packing the Fleeces.

One of the best ways to pack the fleeces is to lay it upon a table, turn in the head and tail, then the flanks. After this roll it up into a neat roll and tie it firmly, using such a device as here illustrated.

The tying box is made from light lumber with slots, as shown, through which the rope is passed. The fleeces is placed upon this rope and the roll easily tied. Wool buyers prefer to



SIMPLE FLEECE-PACKING BOX.

have the fleeces loose, light to handle and elastic and tied up so that it can be easily opened if needed.—Farm and Home.

## Testing Eggs.

It is claimed that a freshly laid egg placed in a bucketful of water will sink to the bottom; one day old will sink nearly to the bottom; two days old, about half way up; three days old, will float not quite at the top; four days old, just touch the top; five and six days, rise a little above the top, rising a little higher as it daily grows older.

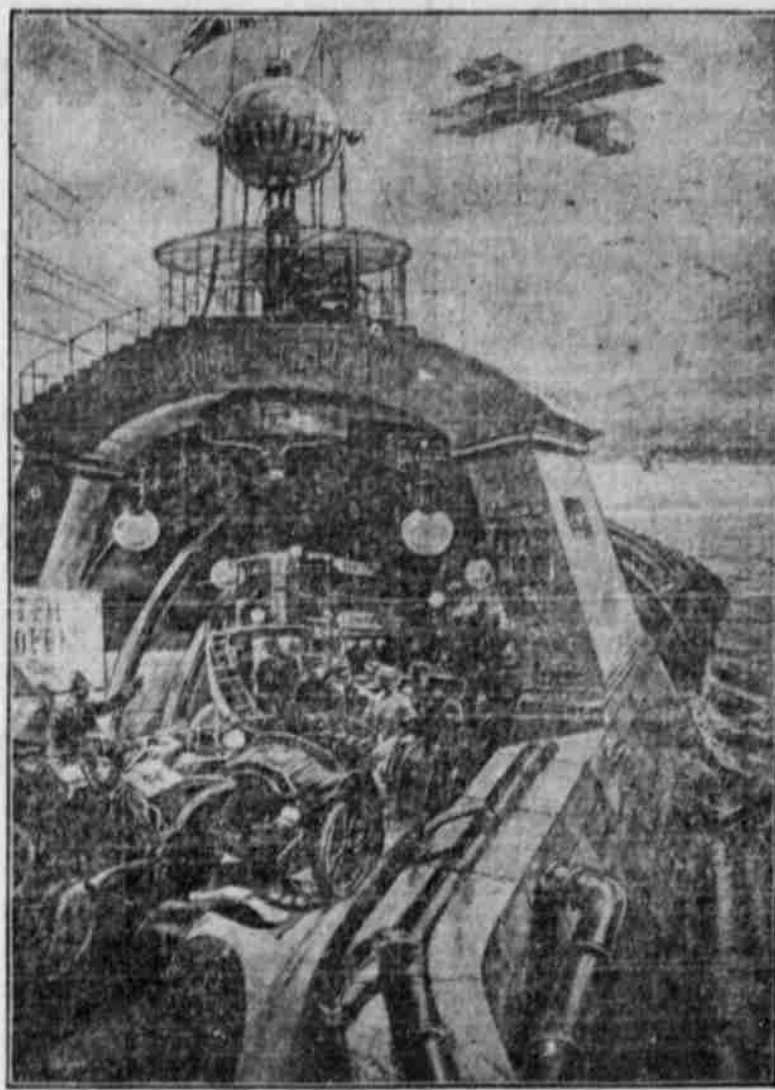
## An Electric Farm Motor.

One of the most novel uses for the electric motor is reported from Nevada, Ia. A man who is extensively engaged in the poultry business has rigged up a revolving brush driven by a small electric motor for washing the feet of newly-killed fowls before shipment.

## Breeding Corn.

Prof. R. A. Moore says that painstaking in breeding corn has raised the average corn production of Wisconsin from twenty-five bushels per acre in 1901 to 41.3 bushels per acre in 1907. This increase is worth striving for in every State and on every farm.

## TRACK UNDER ENGLISH CHANNEL.



PROPOSED AUTOMOBILE TUBE FROM DOVER TO CALAIS.

Never was there a more inopportune moment than this to suggest a resuscitation of the Channel Tunnel scheme. The idea does not apparently appeal to the majority of English men and women, but it has long had a peculiar attraction for their French neighbors.—London Sphere.

## ALL HOLLAND REJOICES.

### Birth of an Heir to the Throne a Matter of Supreme Importance.

Widespread and genuine is the rejoicing in the Netherlands over the birth of an heir to the throne. A good deal more than mere sentimental



QUEEN WILHELMINA



PRINCE HENRY HOLLAND'S QUEEN AND CROWN PRINCE.

interest attached to the long-hoped-for birth. Queen Wilhelmina, daughter of the late King William III, and of Queen Emma, who was a daughter of Prince George Victor of Waldeck-Beyrout, was married on Feb. 7, 1901, to Prince Henry of Mecklenburg-Schwerin, and, phlegmatic as the Dutch are in most matters, they had begun to chafe a little under the frequent dis-

appointments in this matter of the succession. Failure of an heir would mean the extinction of the house of Orange-Nassau and the swallowing of Holland by Germany, or a return to the status of the seventeenth century commonwealth. Now there is an heir-presumptive to the throne and the loyal Dutch are celebrating because the wee princess' dimpled fingers have twisted Kaiser Williams' political nose out of joint.

All Holland had long ago prepared for the event and every division of the kingdom and every colony had sent to The Hague its birthday offerings. And an interesting list they make:

North Holland—Silver tray with two sugar pots, a milk jug, a porridge dish, two spoons, all in silver.

South Holland—Cradle in white and gilt.

Zeeland—Perambulator.

Limburg—Antique grandfather's clock.

Utrecht—White wood washstand with silver basin, ewer, soap box and water bottle.

Drenthe—Silver salver on which the heir will be presented to the minister of justice and the court dignitaries.

Groningen—Gold rattle, set with diamonds and emeralds.

Friesland—Antique oak chest, silver baby book and miniature silver toys.

Amsterdam—Rosewood cradle.

Rotterdam—Silver plate, egg cup, spoon and cup.

Koermond—Silver hot-water bottle for the cradle.

Deventer—Rug for the cradle.

Speldoorn—White lacquered furniture for the nursery at the Loo.

Island of Urk, in the Zuyder Zee—Doll in Urker costume.

Colony of Surinam—Gold plate, egg-cup, spoon, cup.

Wives of Dutch officers—Savings bank books for babies born on the same day as the heir to the throne.

Wives of colonial officers—Gold cup and saucers with Indian landscapes engraved on them.

The Hague household school—Six baby outfits for poor parents of children born at The Hague on the same day as the heir to the throne.

So the little princess who came to delight a nation's heart will have many things to rejoice over when she is old enough to appreciate them.

## His Last Words.

"Are you quite sure your shooting was accidental?" asked the hospital surgeon.

"Oh, yes," gasped the dying victim. "Jiggins was fooling with a gun and—pointed—"

"Is there any message you wish to—"

"Just—tell—him—I—said, 'I—told—you—so—ah!'—Philadelphia Press.

And now a scientist says that tears will kill disease germs—and every woman knows they will destroy a make-up.

It's better to mend your ways before you go broke.

## IT WILL SAVE YOU MONEY

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A flavoring used the same as lemon or vanilla. By dissolving granulated sugar in water and adding Mapleine, a delicious syrup is made and a syrup better than maple. Mapleine is sold by grocers. If not send \$5 for 2 oz. bottle and recipe book. Crescent Mfg. Co., Seattle, Wa.

## Conjugal Compliments.

Said he, "I might mention, My dearest Maria, That you're in the class of A Mrs. Sapphira."

She retorted, "I might say, Without any bias, That you could give pointers To one Ananias."

Which shows that in certain Emergencies dire,

More ways than one are there To say, "You're a liar."

—Baltimore American.

## Getting Personal.

Raggy—You don't never see me stand in a bread line!

Mugzy—That's 'cause yer wife runs a clothesline.

## At the Night School.

Teacher—Give me an example of what is meant by "masterly inactivity!"

Boy with the prognathous face—A base ball pitcher delayin' a game so it'll have to be called on account o' darkness.

DO YOU WANT A TYPEWRITER? The Wholesale Typewriter Co., 37 Montgomery St., San Francisco, will sell you one at 40 to 75 per cent discount from factory list, all makes on market, all fully guaranteed.

## Her Friends.

Nan—Lil Gartlinghorn says her steady is the tallest young man in the city.

Fan—She says so, does she? Well, Lil always was good at drawing the long beau.—Chicago Tribune.

## The Only Audience.

"Does anybody read real poetry nowadays?"

"I presume the publishers glance at it before sending it back."

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

## Out of It.

"Mrs. Brown says that she'll never wear one of those 500-button gowns"

"Why not?"

"Her husband has only one arm."—Detroit Free Press.

## Webster Knocked Out.

Jinks—Why do you say eyether and nyether?

Winks—I heard John L. Sullivan use that pronunciation at the theater, and he's from Boston, you know.—New York Weekly.

FIT St. Vitus' Dance and other nervous prostrations cured by Dr. Cass's Great Nerve Restorer. Sold for FREE 25¢ trial bottle and treatise. Dr. R. H. Kings, Ltd., 311 Arch St., Philadelphia, Pa.

## The Professor Demurs.

"Don't quote Slobson to me," protested the doctor. "I know Slobson, and he's a regular freak."

"My friend," gravely chid the professor, "you should be more careful in your use of the English language. Anything that is regular can't be a freak, and anything that is a freak can't be regular."

## Worms

"Cascarae are certainly fine. I gave a friend one when the doctor was treating him for cancer of the stomach. The next morning he passed four pieces of a tape worm. He then got a box and in three days he passed a tape-worm 45 feet long. It was Mr. Matt Brock, of Millersburg, Michigan Co., Pa. I am quite a worker for Cascarae. I use them myself and find them beneficial for most any disease caused by impure blood."—Chas. E. Condon, Lewistown, Pa., (Mifflin Co.)

Pleasant, Palatable, Potent, Taste Good, Do Good. Never Sicken, Weaken or Gripes. 10c, 25c, 50c. Never sold in bulk. The genuine tablet size marked C. C. C. Guaranteed to cure or your money back. 321

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placed anywhere, attracts and kills all flies, mosquitos, cobwebs, crickets, etc. Keeps all season. Can be used for flies, mosquitos, etc. or injure any thing. Unsuspected efficacy. Of all dealers, or sent prepaid for 20 cents.

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CRESCENT BAKING POWDER. A FULL POUND 25c. Get it from your Grocer.

Not That. Applying Bouquetts (pouting)—I know well enough you think my acting is a joke. Manager—O, no, my dear young lady! Anything but that. It's a tragedy.

## CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of *Chas. H. Fletcher*

## Notic Men.

The hen will set and the hen will lay, And the hen will roost up high; But one good thing we can say of her—The hen will never lie.—Yonkers Statesman.

Over fifty years of public confidence and popularity. That is the record of Hamlin's Wizard Oil, the world's standard remedy for aches and pains. There's a reason and only one—MERIT.

## The Rush to the City.

"Willis, how came you to leave the farm and move to town to make your living?"

"I got tired of the smell of dad's automobile."

## All Who Would Enjoy

good health, with its blessings, must understand, quite clearly, that it involves the question of right living with all the term implies. With proper knowledge of what is best, each hour of recreation, of enjoyment, of contemplation and of effort may be made to contribute to living aright. Then the use of medicines may be dispensed with to advantage, but under ordinary conditions in many instances a simple, wholesome remedy may be invaluable if taken at the proper time and the California Fig Syrup Co. holds that it is alike important to present the subject truthfully and to supply the one perfect laxative to those desiring it.

Consequently, the Company's Syrup of Figs and Elixir of Senna gives general satisfaction. To get its beneficial effects buy the genuine, manufactured by the California Fig Syrup Co. only, and for sale by all leading druggists.



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