



Arms and Farmers.
A framework of heavy poles, with poles or rails over it, and entirely covered with straw or corn fodder, is suggested by the New England Farmer as a very good, warm shelter at a slight expense. The satisfaction of having stock comfortable will alone amply repay the cost of it. Such a shelter will answer for poultry, pigs or any kind of farm stock. Years ago it was thought the proper thing to winter stock around the straw stack, "to harden them," but opinions have changed, and every one

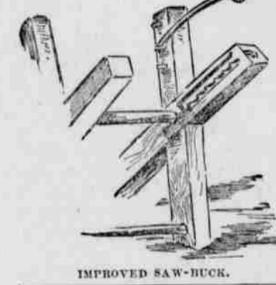


A CHEAP STRAW SHED.

is forced to admit that it pays well to stable all kinds of stock.

The Coming Farmer.
The man who has worn out his farm will have his mind somewhat worn, and it will need overhauling before success will be fully reached in renovating the soil. The farmer's mind must be fed first, the food for the mind is education. When the farmer has a longing for more knowledge than he gains each week from these columns, then we have awakened in him a spirit of investigation to find out how to restore to his soil its lost crop capacity. He will begin to invest in stock and he will become more of a flesh-growing farmer and seller instead of a grain seller. Instead of selling his capital (soil fertility) with the grain he manufactures the grain into flesh, builds up his farm and gets on in the world more contented. The young farmers are becoming our reading farmers. They consider as a part of their equipment the knowledge of soils, the value and blending of feeds and the scientific rotation of crops. The farm is his bank, the soil his working capital, and with well-fed mind and soil he will be prosperous and contented.—Farmer Guide.

A Wood-Sawing Device.
Sawing wood is hard work at the best. No small part of its irksomeness is the necessity of holding down the



IMPROVED SAW-BUCK.

stick with one's knee while the stick is being sawed. The sketch, which originally appeared in the American Agriculturist, shows a mechanical holder whose construction is seen at a glance. The rod is of steel, so that it can be bent tightly over the wood. The pegs and the ratchet permit its use with either large or small sticks.

To Lighten Spring Work.
Winter work cannot always be done to suit the convenience of the farmer, as severely cold weather, continued rains and other obstacles are to be met, but there is much work put off until spring that could be done in winter. In the spring, as soon as plowing and planting must be performed, dozens of jobs come up to be done in a hurry, and all seem to need attention at once. It is then that the farmer finds that he has been neglectful and failed to prepare for spring. Wagons are to iron, repairs are required for implements, seed is to be procured and fertilizer must be purchased. At the same time every other farmer is busy and can render no assistance, while merchants who have many orders on hand cannot supply the needed articles promptly. The way to make the spring operations easier and save time is to do as much to lighten the spring work as possible.

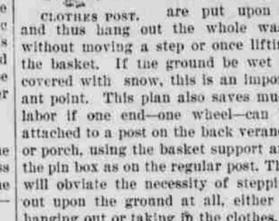
Askes with Stable Manure.
It may seem strange to advise applying wood ashes unbleached to stable manure just before it is plowed under. Yet this is often a good thing to do. While exposed to the air, especially if the manure be wet so as to leach the ashes, there will be some loss of ammonia. But so fast as the manure and ashes are turned under, this waste of ammonia ceases. The ashes cause the manure to ferment rapidly, and in contact with the soil none of the ammonia

will be lost. In fact, much of it will combine with the potash in the ashes, forming a nitrate of potash, which is the most effective manure known.

Creamery Shark.
The "creamery shark" is again at work in New York State. What is a creamery shark? He looks like a man on the outside, and he can talk like a phonograph. He goes about trying to interest farmers in building co-operative creameries. His favorite plan is to interest some "prominent citizen" by offering him a number of shares of the stock. Then the two worthies go about getting farmers to sign a contract agreeing to buy a certain number of shares. The contract usually calls for an expensive plant, and in the end the farmers find themselves saddled with an outfit costing from 25 to 40 per cent. more than reputable dealers would charge for it. The creamery shark thrives on deception and fraud. His chief argument is that, by saving advertising and other expenses, he is able to give farmers cheaper rates for goods handled by old-established firms. Our advice is never to buy without first corresponding with manufacturers of long standing.—Rural New Yorker.

Dispose of Unprofitable Cows.
The Toronto Globe says a Canadian farmer who kept twenty-four cows and two hired men, tested his cows with the Babcock test and found that eight were unprofitable. He disposed of them and let one hired man go, and at the end of the year found that he had made as much money from the sixteen as from the twenty-four. Now he has got down to twelve good cows, and expects as much from them as he made from twice that number. Now he can increase up to his original number as fast as he can find or grow good cows, and increase his profits.

New Clothes Post.
It is believed that this clothes post will fill a long-felt want. It is fitted up with a double line running over a wheel at both ends. There is a support on which to set the clothes basket and a small rainproof box for holding clothes-pins. One can thus set the basket of clothes down and proceed to pin them upon the lower line, moving the line along as fast as the clothes are put upon it, and thus hang out the whole wash without moving a step or once lifting the basket. If the ground be wet or covered with snow, this is an important point. This plan also saves much labor if one end—one wheel—can be attached to a post on the back veranda or porch, using the basket support and the pin box as on the regular post. This will obviate the necessity of stepping out upon the ground at all, either in hanging out or taking in the clothes.



Corn stalks and Clover Hay.
On most farms in this country either clover hay or cornstalks is the main ration for foddering farm stock during the winter. These are, everything considered, the cheapest foods that the farm can produce, the advantage of the corn being that it will grow a greater bulk than can be grown of anything else. The clover has an equal advantage in the fact that wherever it is grown the soil is increasing in fertility. It is economy to feed clover and corn stalks together, as each will supplement the deficiencies of the other, and more of both will be eaten and digested.

Value of the Farm.
Waldo F. Brown, in the Cincinnati Gazette, says for ten years past he has estimated what his farm was worth to his family, and finds that at fair valuation the farm was paying over 8 per cent. on the investment, if only enough were sold to pay taxes, insurance and hired help. In other words, with a family of eight persons to be fed, the farm, valued at \$5,000, was furnishing what would cost, if bought in market, from \$400 to \$500, namely fruit, vegetables, poultry and dairy products, breadstuffs and meats, all of best quality and furnished in abundance.

A Fidgety Horse.
A fidgety horse usually has the tail, like the ears, always in motion; when about to kick the tail is drawn downward between the legs; when the animal is fatigued or exhausted then it is drooping and frequently tremulous; and with some horses, when galloping, it is swung about in a circular manner or lashed from side to side. There can scarcely be any doubt also that, like the tail of birds, it assists in the horse's movements, as when the animal is galloping in a small circle, or rapidly turning round a corner, it is curved to the inner side.—Massachusetts Ploughman.

Insecticides.
The Massachusetts experiment station, after very thorough tests of insecticides and fungicides, only recommends bordeaux mixture for fungus diseases, paris green for biting insects, kerosene emulsion for sap suckers, soap, salt and sulphur washes for scales, and pyrethrin or insect powder and white hellebore for certain conditions.

THE TRIUMPH OF SCIENCE.

CONSUMPTION CAN BE CURED IN ANY CLIMATE.



A scene in The Slocum Laboratory, New York: The Discoverer demonstrating to Medical Men and Students the Value and Wonderful Curative Powers of his New Discoveries.

NOTE.—All readers of this paper can have Three Free Bottles of the Doctor's New Discoveries, with complete directions, by sending their full address to Dr. Slocum's Laboratory, 98 Pine Street, New York City.

French Women as Business Helpers.
Miss Anna L. Bicknell writes an article on "French Wives and Mothers" for the January Century. She says:

In the families where the father conducts any business the wife becomes his best clerk and usually his cashier. The wives are exceedingly intelligent and acute, extremely sharp at driving bargains, and accurate in keeping accounts. They are their husbands' partners in every sense of the word, and it is wonderful to see how they acquire themselves of such a multiplicity of duties. Self is completely annihilated; and if weak health is mentioned, it is never an impediment to what they have to do for their children or their husbands, but is mentioned only as a disagreeable accompaniment to a necessary fatigue, without an idea of using it as an excuse for shortcomings.

COULDN'T MAKE IT.

The bull that tried to butt down a bridge, and the goat that tackled an anvil, couldn't make it, and were knocked out, bruised and bleeding. From such bruises down to pin-head blue spots they are curable, easily and surely. The men who get the worst bruises always get the best cure. They make it every time. There are right ways and wrong ways of doing things, as the bull and the goat found out. The best cure for a bruise is St. Jacobs Oil. The right way to cure is to use it and end out.

Blind fishes, two inches long, similar to those found in the Mammoth cave, have been taken from a well belonging to Mrs. Jennie Bristen, at Russellville, Ky.

DESTRUCTIVE STORMS ALONG THE COAST.

Reports of maritime disasters along the coast come in thick and fast. People who "go down to the sea in ships" should bear in mind one thing in particular, namely, that it is highly desirable to take along a supply of Hostetter's Stomach Bitters as a remedy for sea sickness. Nausea, dizziness, biliousness, constipation, malaria, nervousness and kidney trouble, all succumb to its beneficent and speedy action.

Harvard this year, for the first time, has a colored person as a candidate for the degree of A. B., in the person of a young colored woman from Millerton, N. Y.

The London Stock Exchange has an orchestra composed of the members of the exchange, accounted one of the finest amateur musical organizations in the city.

Terra cotta sleepers are in use on Japanese railways. The increased cost is compensated for by the greater resistance of decay.

A dull, throbbing pain, accompanied by a sense of tenderness and heat low down in the side, with an occasional shooting pain, indicates inflammation. The region of pain shows some swelling. This is the first stage of ovaritis, inflammation of the ovary. If the roof of your house leaks, my sister, you have it fixed at once; why not pay the same respect to your own body?

Write to Mrs. Pinkham, Lynn, Mass., and tell her all your symptoms. Her experience in treating female ills is greater than any other living person. The following from Mrs. ANNIE CURTIS, Teconderoga, N. Y., is proof of what we say: "For nine years I suffered with female weakness in its worst form. I was in bed nearly a year with congestion of the ovaries. I also suffered with falling of the womb, was very weak, tired all the time, had such headaches as to make me almost wild. Was also troubled with leucorrhoea, and was bloated so badly that some thought I had dropsy. I have taken several bottles of Lydia E. Pinkham's Vegetable Compound, and several of her Blood Purifier, and am completely cured. It is a wonder to all that I got well."

PISO'S CURE FOR CONSUMPTION
CURES WHERE ALL ELSE FAILS.
Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

A writer in a magazine has made the prophecy that in 800 years from now the world will only know three languages—English, Russian and Chinese.

Success has attended an effort at banana growing in Fitzgerald, Ga., where a plant reached the height of 12 feet and put forth satisfactory fruit.

Bismarck declares that one of the chief regrets of his old age is that he cannot ride a bicycle.

In the number of murders Italy leads Europe. In the number of suicides Russia is ahead.

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Absolutely Pure, Delicious, Nutritious.
Costs Less Than ONE CENT a Cup.
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Edward Marsden, a student in Lane Theological Seminary, at Cincinnati, is the first native Alaskan to receive an education in any of the states. He has studied law, theology, mechanical engineering and has learned the trades of carpenter, bricklayer, house painter, tinsmith, piano tuner, clock repairer, book-keeping and typewriting.

Walter Baker & Co., of Dorchester, Mass., U. S. A., have given years of study to the skillful preparation of cocoa and chocolate, and have devised machinery and systems peculiar to their methods of treatment, whereby the purity, palatability, and highest nutrient characteristics are retained. Their preparations are known the world over and have received the highest endorsements from the medical practitioner, the nurse, and the intelligent housekeeper and caterer. There is hardly any food product which may be so extensively used in the household in combination with other foods as cocoa and chocolate; but here again we urge the importance of purity and nutrient value, and these important points, we feel sure, may be relied upon in Baker's Cocoa and Chocolate.—*Metabolic and Hygienic Gazette.*

Governor Bushnell, of Ohio, gave a pardon to Ralph Wintersgill, a life prisoner, on Christmas day, which was promptly refused. Wintersgill is now 70 years old, and has served 20 years. In declining the pardon he said the state had unfitted him for life, and that he did not care to go back in his old age to a world that had forgotten him and preferred that the state should continue to care for him to the end.

AN OPEN LETTER TO MOTHERS.
We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark. I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years. Look carefully at the wrapper and see that it is the kind you have always bought, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President.

John M. Penniman has been for 50 years a member of the Boston police force. His age is 75.

Russia's population has increased during the last 100 years a fraction less than 1,000,000 annually.

Paper horse shoes are to be used for the horses of the German army.

After being swindled by all others, send us stamp for particulars of King Solomon's Treasure, the ONLY REVEALER of manly strength. MARSON CHEMICAL CO., P. O. Box 757, Philadelphia, Pa.

In Mexico City Hop Lee advertises an American restaurant.

STATE OF OHIO, CITY OF TOLEDO, ss. FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that the said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

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All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose. "Ten Garden Berries" is made from Sugar Cane and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by THE PACIFIC COAST SYRUP CO. All genuine "Ten Garden Berries" have the manufacturer's name lithographed on every can.

A school for training young colored men in agricultural pursuits is about to be established in Tuskegee, Ala.

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Workers in the wide, unexplored field of modern chemistry are daily astounding the world with new wonders. Professor and layman vie with each other in their commendable efforts to lessen the ills of humanity. Yesterday it was Pasteur and Kock, and today it is Slocum, with a new discovery which is the result of years of careful study and research.

Foremost among the world's greatest chemists stands T. A. Slocum, of New York City. His researches and experiments, patiently carried on for years, have finally culminated in results which are proving as beneficial to humanity as the discoveries of any chemist, ancient or modern. His efforts which for years had been directed toward the discovery of a positive cure for consumption, were finally successful, and already his "new scientific system of medicine" has, by its timely use, permanently cured thousands of apparently hopeless cases, and it seems a necessary and humane duty to bring such facts to the attention of all invalids.

The medical profession throughout America and Europe are almost unanimous in the opinion that nearly all physical ailments naturally tend to the generation of consumption. The afflicted die in the short, cold days of winter much faster than in the long, hot days of summer.

The Doctor has proved the dreaded disease to be curable beyond a doubt, in any climate, and has on file in his American and European laboratories thousands of letters of heartfelt gratitude from those benefited or cured in all parts of the world.

No one having, or threatened with, any disease, should hesitate a day, but should write at once. Facts prove that the Doctor has discovered a reliable and absolute cure for Consumption (Tuberculosis) and all bronchial, throat, lung and chest troubles, stubborn coughs, catarrhal affections, scrofula, general decline and weakness, loss of flesh, and all wasting conditions, and to demonstrate its wonderful merits, he will send Three Free Bottles (all different) of his New Discoveries, with full instructions, to any reader of this paper.

Simply write to T. A. Slocum, M. C., 98 Pine Street, New York, giving full address. There is no charge for correspondence—advice—strictly professional and confidential.

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A system of medical treatment that will cure catarrh, lung troubles and consumption is certainly a good-fool—and will cure—any wasting disease that humanity is heir to.

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