



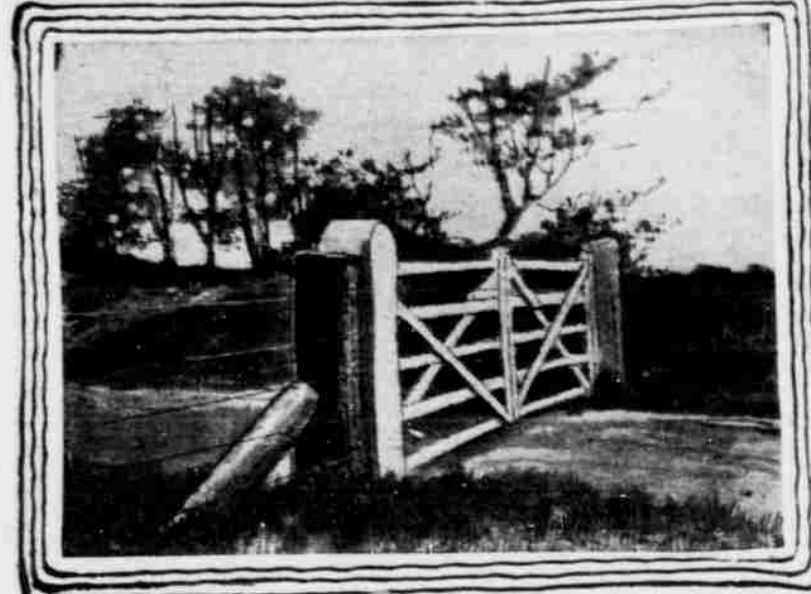
FENCES AND GATE POSTS.

GUY ELLIOTT MITCHELL.

The depletion of the timber lot and the gradual decrease in the supply of lumber, with the consequent increase in the cost of wood make the erection of fences on the farm a matter of concern...

It is possible to obtain from them fences constructed entirely of metal at small cost. While the unprogressive farmer is content to have a few bars to let down in order to admit of the passage of teams or wagons, no fence is complete without an entrance, and therefore without a gate, for at best bars are only makeshifts and a loss of both time and temper.

It will be better and a saving of time if the timber after being cut up for the gates is given a couple of coats of paint before being put together. After the gate is finished and hung, it can be given a final coat. The first or priming coat should be very thin; in fact, may be nearly all raw linseed oil.



A SUBSTANTIAL ROAD GATE

of the country to use posts made of iron or concrete, even as is now done in many places.

An essential feature of a rail fence is a comparatively short panel, but now that wire is, in the majority of cases, taking the place of the rail, it is questionable whether as many posts are necessary as was the case when rail were used.

other outlay than the expenditure of a few hours' labor and certainly in less time than is required in the continual putting down and up of the bars.

Experiment has shown that it is advisable to have the openings of the farm gates 16 feet wide or thereabouts in order to admit of the transfer of the

STILL USE DASHER CHURNS.

Even in this Day of Creameries, Butter is Made in the Good Old-Fashioned Way.

The chances are ten to one or better that the butter you buy at the grocery store now was made in a creamery for the great bulk of the butter consumed in this country is made in milk establishments. But there is still some butter made by hand, and we still sell churns right along.

NOTCH THE CORNER POSTS LOW.

An error that farmers sometimes make in erecting a fence is that they place the corner supports or struts too near the top of the post, and consequently at too great an angle with the line of the fence, so that when the wires are stretched tightly the post is pulled out of the ground, notwithstanding that huge bowlders are piled against the post or hung on it, in an endeavor to keep it in the ground.



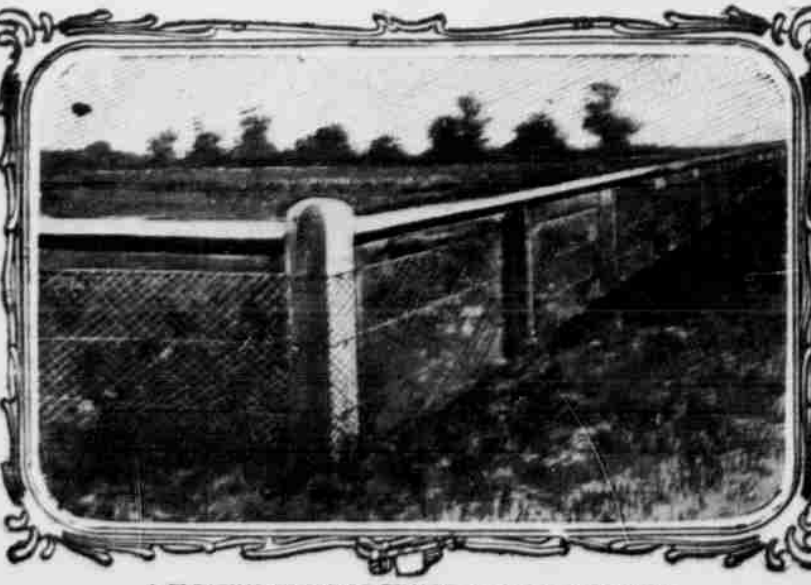
Fence Distorted by Improperly Placed Corner Supports

farm implements from one field to another. Where some fields are planted with small green crops from which the farmer desires to keep his poultry it is thought best that the bottom rail of this gate should be within an inch of the ground so that the poultry cannot crawl under. The gate posts should be

butter, and who make it, of course, with a hand churn. Some of these farmers might make more butter than they would require for their own use; and they would their surplus extra to the country store.

And you find larger farmers, too, farmers perhaps keeping many cows and selling the bulk of their milk to a creamery, still continuing to make the butter that they need for themselves and making it, as they have always done, in a hand churn.

Such churns are sold to people living in suburban or country homes and keeping cows, who make their own butter because they prefer to, anyway, and they are bought by various people everywhere who want sweet or unsalted butter and who make it for themselves in hand churns.



A PLEASING FENCE OF TIMBER AND POULTRY WIRE.

gerous barb-wire is, and when in a quiet condition are rarely injured by it; but once excited by panic or play they forget its danger and often suffer its consequences. While there may be some styles of woven fence which will enable the farmer to discontinue barb-wire, the new material must have sufficient elasticity to recover from occasional very severe and unusual strains and also sufficient to respond to our varied conditions of heat and cold, and so require no straining after its erection. The American fence manufacturers seem to be ahead of the Europeans in the production of wire fences, for it

quite separate and distinct from any posts used in the construction of the fence, as a better effect is obtained without additional trouble if they are slightly higher than the uprights in the gate and higher than the fence posts adjoining the gateway. The main entrance to the farm and also the gateways around the dwelling may be still further improved if a little additional trouble is taken to square the gate posts and round off the tops. No gate can be said to be finished until it is painted, for not only does painting add in giving a tidy appearance, but prolongs the life of the wood

TO TACKLE HAZERS.

The hazing trials at Annapolis followed by the long discussion of the subject in and out of Congress, have served to widely advertise the Academy, and, as a result, there has been an unusual rush of applications from ambitious young men who aspire to become admirals. Many of the applicants breathe defiance to all hazers and recite instances of their physical powers to demonstrate their fitness for appointment. One of the letters recently received at the Navy Department ran as follows: "I play football, have been captain of the basketball team these last two years. I am also an expert with boxing gloves, and would like to have some of the Annapolis fellows try their hazing tricks on me. I imagine they would have to get real busy if they tried to stand me on my head and make me eat soap."

CONSOLIDATED SCHOOLS.

Assistant Secretary Hays Points Out Necessity for More Thorough Farm Education. Is in Effect a Country High School.

The consolidated school question is a feature of the country school education problem which is rapidly coming to the fore, especially in the northwest, and it promises much for better farm and education. The proposition is that six or seven or ten of the cross-roads or school districts shall be combined into one larger school and combined into one larger school and combined into one larger school...

'I Grow Hair' Free \$1.00 Package. No Longer Any Excuse For Dandruff, Falling Hair or Baldness.

PAINT WITHIN. Before and After Using This Magic Compound. FREE \$1.00 PACKAGE COUPON.

FOR BETTER FARM EDUCATION.

The time, Professor Hays says, has come by when an "ordinary" school education will serve for the farm boy. The three R's are not sufficient to enable him to succeed in life. He must have special education for farming just as the young man or woman who is to enter professional life has special instruction along the lines he expects to follow.

Canada has taken an advanced stand on this question and is consolidating her country schools. In a word the farmer's children are being given the advantages of a high school education. As President Cressman of the Ontario Agricultural College has pointed out, the system undoubtedly is, from a standpoint of dollars and cents, more expensive, for the first few years at least, but the rural taxpayer has it to decide for himself whether he would rather pay five dollars more per year and secure for his boy or girl such increased benefits as the consolidated school can give or leave them in the hands of an inexperienced girl teacher who perhaps does her best in a little one-roomed school, without facilities of demonstration of any kind.

PRACTICAL FARM SCIENCE.

One of the most important features of these schools is the school garden, where practical farm science is taught in a practical way. Such gardens are not, however, confined to the consolidated schools, but are now being kept in connection with a number of the more progressive district schools in various parts of the country. They are usually from two to three acres in area, divided into experimental and individual plots for each of the pupils, ranging in size from six feet square to six by ten or even twenty.

The general plan of laying out each garden involves (1) a belt of native trees and shrubs surrounding the grounds; (2) a half-acre playground for the boys; (3) a lawn bordered with shade trees for the girls; (4) a shaded walk each for boys and girls, about a hundred yards long; (5) an attractive approach to the school, consisting chiefly of a piece of open lawn, with shrubs and flowers on either side; (6) a suitable reservation for individuals and class plots; (7) an orchard plot or border; (8) a forest plot in which the chief native trees are grown from the seed.

PLANTS GROWN BY PUPILS.

The ordinary range of vegetables and a selection of flowering plants are grown in these gardens, the pupils themselves furnishing the necessary work. In the large schools two hours each week are found sufficient for the garden work, and one hour in the smaller in both cases under the supervision of the teacher or a special instructor. The school garden serves a double purpose, since it not only provides the most practical form of nature study but acts as a valuable incentive in the general school work. It is no uncommon sight during the summer season to see a public school in session out of doors, not with slate and pencil but with hoe and shovel. The pupils thoroughly enjoy it. They are allowed the proceeds of their plots as their own property and in addition may take home the plants left over from thinking out. The class plots are reserved as a source of joy and a supply for the school and as a supply, in some cases, for the school lunches.

Former Iowa Master Andrew Carney has endorsed the idea of phonetic spelling—writing the words as they are read or read as they stand—either way.



Dear Andrew - I tried your way of spelling many years ago since when I have used no other. Ten years ago also I used Plog's, but you was the best.

JOE, THE INDIAN DOG. FREE \$1.00 PACKAGE COUPON.

THE LEAF. YOU CAN BUY ELECTRIC WHEELS.

IMMIGRATION LEGISLATION. The Committee on Immigration of the House of Representatives has reported a bill raising the head tax on aliens from \$2 to \$5...

Don't Die That Way. Millions Die Every Year from Mere Ignorance of Nature's Laws of Health. Nature is a Stern and Inexorable Judge. Grants No Pardons When Her Laws are Violated.