Quite Natural.

"Roscoe, dear, I see they've again raised the price of diamonds."

"That's true Evelyn; but then you know, sparks will fly upward."—Yonkers Statesman.

Information Wanted.

"Say, Mr. Caller, my big brother said that sister's steady was a saphead and an "it" and me and Willie wants to know if you're sister's steady and what is a saphead and what is an 'it'?"—Pennsylvania Punch Bowl.

Novel Fishing Feat.

The details of "A Novel Fishing Feat," told by Everett Foster in the September St. Nicholas, are part of an experience of the winter in Yellowstone Park a few years ago. The lad who caught the trout, and, without moving from his position, swung his catch over into Nature's pot and successfully cooked it was a young brother of Mr. Foster; and the narrator was one of those who tasted the uniquely prepared dish and found it palatable.

Papa's Definition.

"Papa, what is a diplomatist?"

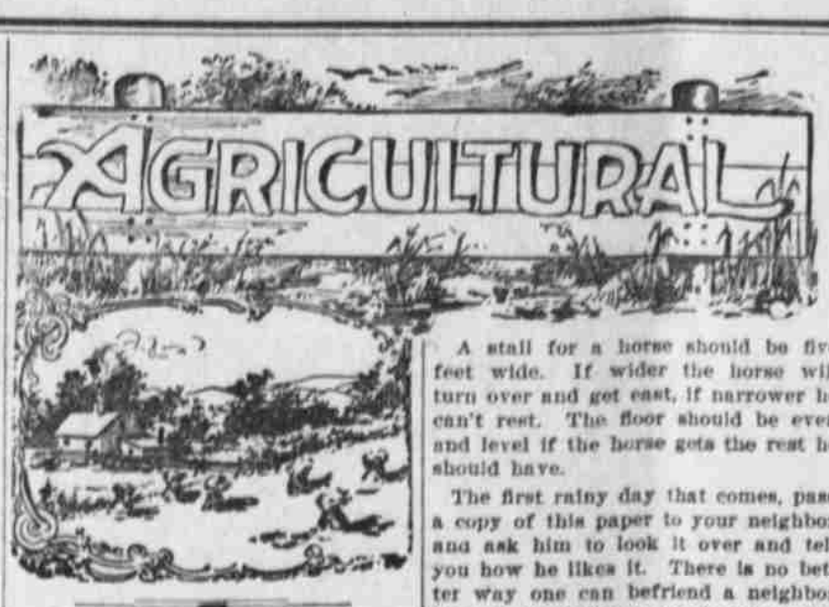
"Any man, my son, whose wife respects him."—Life.

A Feminine Marvel.

Chief Millican—That female witness is the most peculiar woman I ever encountered.

Inspector Casey—So? In what way does she differ from most women?

Chief Millican—Why, when she hasn't anything to say she doesn't talk.—Cincinnati Enquirer.



For Watering Stock.

No matter how pure a source of supply may be at hand for watering stock, if it is pumped into an open trough and left exposed for any length of time it soon becomes polluted and unfit for the animals to drink. This will not be the case, according to the inventor, if the stock watering apparatus here shown is put into use. If pure water is furnished to the tank or barrel to which this fountain is attached it is claimed that there is no way by which the animal that is drinking can make it foul. The waterer consists of a double drinking

SECTIONAL VIEW OF THE WATERER.

bowl, made of cast iron, which is attached to the outside of a tank or barrel. On the inside is another chamber, inclosed in which is a brass float and lever controlling the flow of the water to the outside bowl. The fountain is automatic in its action, as the float rises with the water in the bowl and cuts off the supply when the proper height has been reached. As the valve is always closed except when water is flowing from the tank to the drinking bowl, there is no opportunity for foreign matter to find its way to the interior of the storage reservoir.—Denver Field and Farm.

Root Crops for Stock.

There is not a farmer in business but who can readily spare an acre or two of ground on which to grow root crops. If he has any number of heads of stock he will find that he can not grow anything on the farm to greater profit than the small area named put into root crops. Mangel wurzels are among the easiest of the root crops to grow and they will grow on any soil if the soil is properly prepared. The seed bed should be deep and harrowed several times after thorough plowing. Seeds should be drilled in and from two to four pounds of seed an acre will be required. The space between rows should be kept free from weeds and when the plants are three or four inches high they should be thinned out so that they will stand fifteen inches apart.

It will be necessary to keep the field hoed or cultivated until the plants get strong enough to overcome any weed growth. After this no care is necessary until fall harvest. Under this sort of cultivation it is possible to grow from 600 to 1,000 bushels on an acre, according to the condition of the soil. Carrots and turnips can be easily raised on the same plan, although for general feeding the mangels are, perhaps, more desirable.

Farm Notes.

A farmer should know enough about law to keep out of it.

No one can be found now who objects to dehorning cattle.

In butter making, next to controlling the temperature is to churn often while the cream is in good condition.

Cows are given access to their mother, but as they soon find but little to supply their needs they become disgusted and readily adopt the idea of paddling their own canoe.

Many a runaway has resulted just because too much confidence has been placed in a team. There is always a feeling that "they'll stand." It pays to make teams secure before leaving them.

Of Uncle Sam's domain of over two billion acres only 500,000,000 are left for settlement. Under the present system of land laws it will only last five years. During the first ninety days of this fiscal year 6,000,000 acres were filed upon. Uncle Sam intends that everybody shall have a farm as long as they last. His farms are going fast.

A stall for a horse should be five feet wide. If wider the horse will turn over and get cast, if narrower he can't rest. The floor should be even and level if the horse gets the rest he should have.

The first rainy day that comes, pass a copy of this paper to your neighbor and ask him to look it over and tell you how he likes it. There is no better way one can befriend a neighbor than to hand him a good paper. He will appreciate the paper and your kindness.

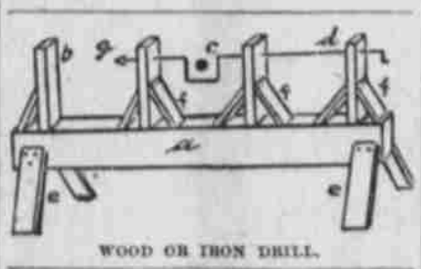
Some men folks on farms never think of helping make or cultivate the garden. This is considered too small a job for them, and yet they never object to partaking of what comes from it. It is "my wife's garden" when the garden is put in and when the crops are reaped it is 'our garden."

Whenever one reads of a combine where farmers are going to control prices of farm products, one should rest assured that somebody else is going to be enriched by the scheme. It is not among the possibilities to control the prices of staple farm products. All attempts to do so will prove failures. When approached to lend aid to any scheme of this character it will be well to look for the African in the fuel; he's there.

An agricultural college professor who has had a great deal of actual experience in growing corn has reported the result of a corn experiment to show the yield after certain kinds of cultivation. In a plat where the weeds were permitted to grow the yield was 58 bushels; weeds cut out with a hoe and loose mulch made and frequent workings with the hoe 96 bushels; cultivation two inches deep with small cultivator shovels, 90; four inches deep, 91; six inches deep, 84; six inches deep, large shovels, 87; blade cultivation, 88; deep early and shallow late, 85; shallow early and deep late, 89; mulch with grass, 82.

Handy Workshop Tool.

I have a cheap force feed drill press that is very useful on my farm. A timber a, 4x6x6 feet, is supported by legs e, like a trestle. The uprights b and d should be longer than shown, that they may be tied together at the top, as the outward strain is considerable; both center uprights are 2x4x 12 inches. All uprights are braced as shown at f f f. The bit stock c is made by bending a ½ or 1 in round rod into shape as shown, or may be purchased at a hardware store. A feed screw is shown at d, which may screw into the wood, or a nut may be attached to the front side of rear upright. A tool chuck g is screwed to the end of the bit stock. Loose blocks



WOOD OR IRON DRILL.

of wood are placed between the bit and the front post b as needed. By using twist drills, either wood or iron may be bored.—George T. Price, in Farm and Home.

Thumps in Pigs.

More cases of thumps among pigs are reported this year than in some time before, owing, doubtless, to the rainy weather, which prevented the pigs from getting the sunshine they so much needed. If there is anything farmers need to learn about the handling of young pigs it is that they need sun and exercise, both in considerable quantities. An ideal pasture for young pigs is a place that may be fenced off from the main pasture where there is one or more trees which will provide shade, but where there will also be a large space of comparatively dry ground, in grass, on which the pigs may run. If there is white clover in the grass, so much the better for the pigs, and they will need less corn. Sun and exercise will prevent thumps, which disease usually means death.

Malt Sprouts as Cattle Feed.

Malt sprouts are a residue of the brewing industry. Barley grains are sprouted in the process of malting and in due course are rubbed off and sold, either wet or dry, as a cattle food. They enter the general market solely in the kiln-dried form. They are small, comma-shaped, light yellow brown particles of an agreeable nutty odor and crisp texture. When fed dry they are frequently refused by cows. If soaked some hours before feeding they are often better relished.

Our Eccentric Phrases.

Why do we always talk of putting on a coat and vest? Who puts on a coat before a vest? We also say putting on shoes and stockings. Who puts on shoes before the stockings? We also put up signs telling people to wipe their feet when we mean their boots and shoes. And a father tells a boy he will warm his jacket when he means to warm his pantaloons. We are a little eccentric in our phrases at times.

The Stepmother.

Victor—How is your new mamma, Bobby?

Bobby—She does very well for an amateur.—Smart Set.

Welshmen in Liverpool.

There are nearly 80,000 Welsh residents in Liverpool, where it is proposed to found a Celtic chair at the University college.

Would Be Fifth.

Lawyer—As your husband left no will, you, of course, will get a third.

Widow—Lor' no! He was my fourth!—Boston Herald.

Time to Leave.

Husband (in an aside to his wife)—If you can't think of some more anecdotes of our children's smartness let's go home right away, for they're getting ready to tell us things about their own.—Baltimore American.

Complying With the Rules.

"Here," said the doorkeeper in the lobby of the playhouse, "what are you going to do with that baby carriage?"

"Take it in th' theater," responded Mrs. Murphy; "it sez on th' program thot 'babies are not admitted in ar'rums.' "—Chicago Daily News.