



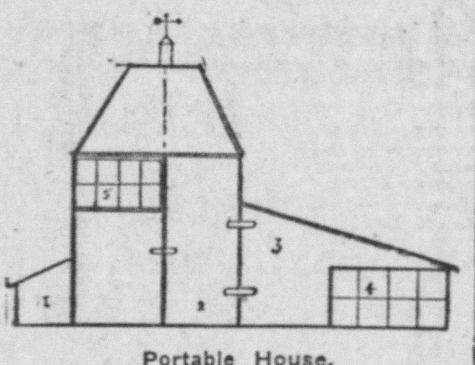
### PORTABLE HOUSE IS USEFUL

Will Prove of Great Advantage for Farrowing Sow, Also a Temporary Shelter for Fowl.

For many jobs in the fall a portable house to use as a shelter will be of great advantage. The same idea may be applied to a pen for use in event of a sow farrowing in the field, or for a portable house for chickens or turkeys to be moved about the farm; in fact, the same building may be applied to all three purposes with success, says Orange Judd Farmer.

Build the floor the size you wish and make as strong as possible. Slightly back from the center an axle is placed, which can be made of a 4x4 scantling and fitted with two old wheels for moving the house. A short tongue is placed on one end, which is fastened behind a wagon when moving the building. Under the tongue a block is placed when it is desired to use the building upon wheels, as in husking corn in the field in cold weather.

The building is erected above the floor, and if for corn husking alone,



Portable House.

the walls may be canvas, painted to keep out the rain, with a small bench built at one end for the stalks to lie upon, with hooks for strings. This makes it as comfortable a working place as can be desired, and with the advantage that it can be moved from one end of the field to the other as needed.

Where built for a threefold purpose the walls should be made of light boards, or, at least, the lower part of walls, and the roof, of light lumber or canvas. When used as a pen for hogs or fowls it is moved to the proper place and the wheels removed, thus resting the building on the axle; and by replacing wheels it can again be moved to a new location, as desired.

### KNELL OF CHOLERA SCOURGE

Government Experts of Agricultural Department Announce Discovery of Vital Interest.

Extraordinary interest was aroused in Chicago the other day, especially at the stock yards, by the receipt of news from Washington that cholera, the great scourge in the raising of hogs, has, in the opinion of experts of the agricultural department, been conquered.

According to the reports a new serum, with which the department has been experimenting, has proved a success at the Union Stock yards at South Omaha, Neb.

The Washington reports state:

"The Stock Yards company purchased thirty pigs weighing from forty to sixty pounds each from a farm which had been free from hog cholera for several years. These pigs were brought to the stock yards and four of them were inoculated with hog cholera. These inoculated hogs were placed in a pen by themselves and within five days they had become sick, at which time eighteen of the remaining pigs were each given a dose of the serum, while the other eight pigs were not treated in any way. The eighteen serum-treated pigs and the eight untreated pigs were then placed in the same pen with the four pigs which had been made sick by inoculation.

"The four pigs which were first given hog cholera all died and the eight untreated pigs all contracted the disease from them. The eighteen pigs which were given serum and which were confined in the same pen with the four original sick pigs and with the sick untreated pigs remained perfectly well and were finally turned over to the officials of the stock yards company upon the completion of the experiment."

The department of agriculture does not distribute this serum to farmers, but is endeavoring to bring the value of this method to the attention of the stock-raising interests in order that they may arrange to secure state funds for the manufacture and distribution of the serum.

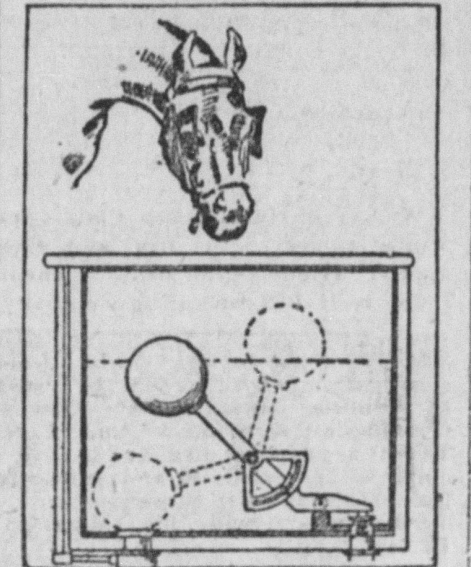
### Better Silage for Sheep.

At the Minnesota experiment station it is believed that greater care must be had in preparing silage for sheep than for cattle. Sheep require a sweet and dry silage. Thickly planted corn cut before it is well matured, does not make ideal silage for sheep. Corn planted about like field corn, harvested and put into the silo when it begins to dent, has proven very healthful to sheep, and they have done well upon it. If clover hay is fed in conjunction with this silage, cheap and satisfactory gains may be made in sheep fattening.

### NEW TROUGH FOR WATERING

Ingenious Contrivance Invented by Indiana Man Fills Tank as Fast as Emptied.

An ingenious contrivance for use in watering troughs has been invented by an Indiana man. It consists of an automatic device for filling the trough as fast as the water is depleted by



New Watering Trough.

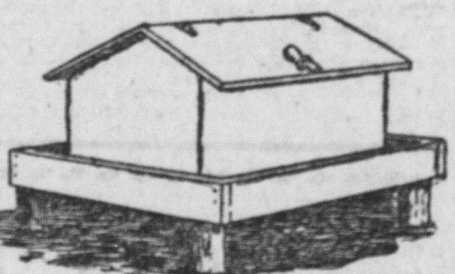
animals drinking it. The pipe through which the water is supplied is fitted with a spring valve.

An angle shaped arm is pivoted in the bottom of the tank near this pipe with the lower end of the arm resting on the valve and the upper end terminating in a wooden ball, which floats on the surface of the water. The principle of this appliance will be grasped at once. When the water is at a certain height in the trough the ball will float in such a position that the arm will keep the valve or the supply pipe closed. As the water is depleted by stock drinking the ball sinks with it and the arm on the valve rises, admitting fresh water. This device insures always a full supply of fresh water in the tank and saves the waste water that otherwise runs over when the trough is filled from a running source.

### CROWDING ABOUT SALT BOX

Prevented by Receptacle Shown in Illustration—How It is Put Together.

The salt box is made out of two inch stuff so it will withstand the pranks of horses and other stock



Salt Box.

crowding about the salt place. An ordinary bunk is made about three feet wide by four long and the salt receptacle made so as to fit inside the bunk endwise, but much narrower on the sides. The sides come down to within an inch of the bottom so that stock can lick the salt.

### Wean Pigs Gradually.

Pigs should be weaned gradually. Have a small trough near the pen, but out of reach of the larger hogs. A small opening that will allow the little fellows to pass in and out freely, some milk in the small trough, and in a very short time they will be tasting the milk. They may not eat much at first, but it will not be a short time before you will find them tossing each other about, each trying to get the last bit of the milk.

## LIVESTOCK NOTES

Hogs often get crooked legs for lack of exercise.

Stockmen say this is a good time to buy up calves.

Packers find it hard work to put hog prices down.

Shropshires and Hampshires are best all purpose sheep.

Pure air, pure water, clean food and a clean place to sleep make hogs profitable.

Some cattle breeders make the mistake of crossing breeds for the purpose of combining the excellencies of each breed.

If one has plenty of pasture, and can raise clover hay, there is nothing that will pay so well for as little labor as a flock of good sheep.

When a small bit of pork costs a day's wages, and even a ham bone is precious, there need be no fear of overstocking the hog market.

There is no kind of animal breeding that will pay better than the breeding of horses, but horses that will sell, not dunghills or misfits.

One of the highest uses of rye pasture probably is for grazing ewes with lambs in the early spring, or in grazing weaned lambs in the early fall.

Get a collar that will fit the horse and fix the harness so they will fit the collar. Do not get the bridle too tight, nor have any place which will rub and make a sore.

In hilly going, an improved brake would add years to the service of many horses that are crippled and worn out before their time by too much holding back.

## MICHIGAN'S FOOTBALL SQUAD



Strong and Powerful Eleven.

Michigan's close game with the Michigan Aggies, in which the Wolverines were victorious, 6 to 3, should not be taken too seriously, as the Aggies have one of the strongest teams in years this season and in Hill the farmers have a player who continually can keep his team from being scored upon by his beautiful punting.

The game demonstrated one thing, and that is that Michigan has a strong defense, one that will be mighty hard for Pennsylvania, Syracuse and Minnesota to penetrate. If Coach Yost is satisfied with this defense he surely will develop an offense which will be equally effective. Followers of football should not take this contest or the one with Case as criterions of Michigan's strength. Yost is going to have a strong and powerful eleven and he is sure to have a team which will make things exceedingly interesting for

Michigan's opponents. Whatever use Michigan may make of the changes in the rules this year, it is certain that the opportunities offered by the rule allowing unrestricted direct passes is to be taken full advantage of by the Wolverine eleven.

Yost himself does not say that he is going to use the direct pass exclusively, and probably he won't. But it is a good bet that the big majority of the plays upon which he pins his faith in the Notre Dame, Minnesota and Pennsylvania games will be plays in which there is no middleman—in other words, plays in which the quarterback is the man who calls the signals, and nothing more.

The Wolverine leader always has been strong for crossbucks and straight bucks by the halfbacks, and under the new code the chances for success of those plays seem to have increased immeasurably.

### MAKE-UP OF ALL-STAR TEAM

Honus Wagner, Christy Mathewson and Mordecai Brown Among Those Relegated to Bench.

Relegating Honus Wagner, Christy Mathewson and Mordecai Brown to the bench of oblivion, but naming five Cubs and two Sox as the peers in their respective positions, E. C. Patterson, in Collier's Weekly, picks this All-Star baseball team with the following comment:

Catcher—Kling.  
Pitchers—Coombs, Walsh, Johnson, Cole, Ford.

First Base—Chance.  
Second Base—Lajoie.  
Shortstop—Tinker.  
Third Base—Lord.

Outfielders—Cobb, Speaker, Schulte. As a catcher Kling has no equal today. It is a mistake, however, to give him credit for the work of the Chicago pitchers. It should be borne in mind that Chance selects his pitchers and also takes them out of the game. Heaven knows, most of them, except Cole, have been taken out many times this season!

All hats off to Chance as a manager and first baseman, for intelligence and baseball brains. Lajoie needs no comment. Wagner has not played the game this year in the field, at the bat, or on the bases that Tinker has. I hope my prediction will not come true, but I think "Honus" has seen his best days. Lord, at third, has given the White Sox new life. The outfielders are fast and furious at the bat, on the bases, and in the field.

Take the five pitchers named, and with batting behind them they will win a pennant for any league, any time, and any season. If you will stop to analyze it, the teams that they represent would not be anywhere near where they are today in the race without the services of these pitchers, excepting Walsh, and he is the champion hard luck pitcher of the year.

### GIVE SPALDING "GOLD BRICK"

Baseball Presented to Him by President Murphy is Not Genuine, Declares Thomas Foley.

Some one has "gold-bricked" Charles W. Murphy, president of the Chicago Cubs, and depended on the flight of time to cover his footprints.

The other day Murphy presented to A. G. Spalding, one-time champion pitcher, the ball which was used in Spalding's great game against the Chicago White Stockings, at that time managed by Thomas Foley, one of the oldest billiard legends. How Murphy got the ball is a mystery, for the ball used in that game was burned when Foley's billiard hall, in Chicago, was destroyed in the great fire of 1871.

Foley, to use his own words, was "breathless" when he read a story to the effect that Murphy had given Spalding the old ball. Foley had clung to that ball with great care up to the time it was burned, as it was proof that his club had beaten the greatest pitcher at that time in the world, and says he knew positively that the ball was lost in the fire of 1871.

### Fight Club for Winnipeg.

A number of Winnipeg sporting men soon will organize a club similar to the National Sporting club of London. Before leaving for Chicago the other day Harry Gilmore, who has been asked to organize the club, had a long conference with members of the grain exchange, who are leaders in the scheme, and on his return to the city he will take up the matter.

### DROP KICK BEATS CHICAGOS

Toe of Quarter Otto Seiler Gives Illinois First Victory Over Maroons in Nine Years.

Playing with grim determination and struggling against an impregnable defense, Chicago went down to defeat the other day on Illinois field 3 to 0 in the first victory of the Orange and Blue eleven over the Maroons since 1901. Otto Seiler, the doughty Illinois quarter, in making a beautiful drop kick from the forty yard line in the first quarter was all that kept the game from resulting in a tie, although



Otto Seiler.

Illinois outplayed and outgeneraled Chicago throughout one of the most bitterly fought struggles between these ancient rivals in recent years.

The wildest scenes occurred at the call of time at the end of the final quarter. Revolvers were shot off and the cannon roared. The playing field was one mass of wildly shouting persons who seemed unable to control their happiness. Everything that possibly could be done to celebrate victory was done and finished in a manner which seldom has been witnessed. Hats were torn, women's hats were thrown in the air, stands broken, and what took place that night will be remembered for some time.

### Numbers on Football Players.

That football players should be numbered as are track athletes is the belief of many Michigan university athletic authorities. An agitation was begun the other day to place numbers on the players as they take part in a regular contest and print the numbers with the players' names in the program.

By this means it would be possible for the spectators to identify individual players and keep track of the numerous substitutions made possible by the new rules. The scheme has been used at Ohio State for several years with marked success.

### HARD WORK TO GET STARTED

Harmon, Considered One of Coming Pitchers of Country, Tells of His Early Playing.

BY ROBERT HARMON.

(Copyright, 1916, by Joseph B. Bowles.) I broke into baseball on a bluff, or a dare. I had not the slightest intention of making baseball my business in life, but I loved the game, and never lost a chance to play it, no matter what happened.

I remember that when I was at school at my home in Liberal, Mo., where I was born in 1887, I used to play "hooky" to play ball, and whenever the West Side and the East Side teams played on Saturday afternoon I was either pitcher or catcher. No one could chase me into the outfield.

I moved down into the southwest and started to play ball at Morenci, in Arizona, not so much for what they paid me as for the honor of playing on the teams. I don't exactly know how they happened to find me out there, but the Portland, Ore., team offered me a trial in the spring of 1908 and the boys bluffed me, saying I couldn't make good. I didn't, but the fact that Portland gave me a short trial and



Robert Harmon.

then sent me home aroused my determination to show them I could pitch whether they thought so or not.

It happened that Strevport, La., offered me a trial in the spring of 1909, and over there I met a catcher who knew something. He was Lee Garvin, an old timer who knew more about pitching than I ever will know if I live to be a hundred. Garvin began showing me a lot of the tricks of the trade and teaching me how to use the natural curves and speed I had. He started me to thinking in earnest about how to pitch scientifically instead of shutting my eyes and shooting the ball around the plate as hard as I could. Under Garvin and Dale Gear, who was managing the team, I began to learn the rudiments of scientific pitching.

I was successful in the Texas league, and before the season was half over the St. Louis club bought me. I was raw even then, but managed to stick it out and by studying and working I have managed to last this long. A pitcher never gets through learning, and the moment he thinks he is master of all the tricks of the trade he is ready to go back to the minor leagues. A fellow has to keep working and studying all the time, learning to do new things with a ball, and learning to use his head.

It is hard work, but I never have regretted trying to break out into the big leagues. Even if I slip back now, or damage my arm so I never can pitch again, the experience and training gained will help me in any line of business or trade. I think I have learned self-control, patience and to keep my temper; to respect the rights of others and to look on things with the other man's view as well as my own, and I think it has been as good an education as I could have gained in any way.

### BAR MAN COACH FOR WOMEN

Secretary Sullivan Says Athletics for Fair Sex Should Be Confined to Themselves.

"I am very decidedly opposed to employment of men as athletic instructors or coaches for girls or women," says James E. Sullivan, secretary of the Amateur Athletic association.

"It is a mistake to have a man, for example, in a girls' gymnasium, or to have him coach or direct girls in their athletic exercises.

"A man coach in a girls' school will naturally present his theories from a masculine standpoint. He will tell his pupils to play a good, rough game and instruct them to do things as a boy or man would do them.

"Girls' athletics when conducted along safe and sane lines, is a real benefit to the health of the girls. They must not be exploited, however, as female Sandows, Sheppards, Sherbourns, or as show girls. A girls' basketball team must not be trained in tricks, nor should it be sent around the country to exhibit the players for gate money.

"Competition for girls should be in its own group and in private, without an admission fee, and without the sensation-seeking crowd. Girls should be kept in their own group and not permitted to take part in public sports."

### A TIMELY WARNING.

Backache, headaches, dizzy spells and distressing urinary troubles warn you of dropsy, diabetes, and fatal Bright's disease. Act in time by curing the kidneys with Doan's Kidney Pills. They have cured thousands and will cure you.

Mrs. Sarah S. Maupin, Brentwood, Tenn., says: "Doctors said I had Bright's disease and held out little hope of recovery. I could scarcely totter about. My limbs were swollen and my life was one long, drawn out pain. I began using Doan's Kidney Pills and was astonished at the results. In six weeks I could do a hard day's work without inconvenience."

Remember the name—Doan's. For sale by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

### Getting a Reputation.

There is a desk in the senate particularly convenient as a place from which to make speeches. It is next to the aisle and almost in the center of the chamber, and affords an opportunity for the speaker to make everybody hear.

At least a dozen senators, according to the Washington correspondent of the St. Louis Star, have borrowed this desk when they had special utterances to deliver to the senate. This led, not long ago, to a mild protest from its legitimate occupant.

"I am perfectly willing to give up my desk," said he, "but I am afraid people will think that the same man is talking all the time. I don't want to get the reputation of constantly filling the senate with words."—Youth's Companion.

### All About It.

To appreciate fully this scrap of dialogue quoted from London Punch, one should see the two odd characters engaged in it. Apparently they parted satisfied, one that he had imparted some real information, the other that he had received some. Said one man: "D'you recollect old wot's-is-name?"

"Im with the collar?"  
"Aye!"  
"Wot aboot 'im?"  
"Ead to go down"—Jerk of the head—"you know—they give im wot you call it—didn't arf git it, I don't think!"  
"Reely!"  
"Adn't you 'eard, then?"  
"I did 'ear somefink, but no details, not afore now."—Youth's Companion.

### Not Easy.

Pat was a married man—a very much married man. He had married no fewer than four times, and all his wives were still in the fore. According to Pat's own account before the court where he was tried for bigamy and found guilty, his experiences were not altogether satisfactory. The judge, in passing sentence, expressed his wonder that the prisoner could be such a hardened villain as to delude so many women.

"Ver honor," said Pat, apologetically, "I was only tryin' to get a good one, an' it's not aisey!"—Lippincott's Magazine.

### What About Him?

The talk had gone back and fro, and the youthful socialist had been announcing that no man ought to get his living by cheating, and we all listened to him, and agreed that it was dreadful when men and women did not tell the truth, but tried to make their living by deceiving people. Millionaires, landowners, financiers, we scarified all of them who cheat the public. "No one should make a living by deception," said the young man. Then a quiet voice from a woman came from the corner of the sofa, "What about the conjurer?"—London Chronicle.

### THE FIRST TASTE

Learned to Drink Coffee when a Baby.

If parents realized the fact that coffee contains a drug—*caffeine*—which is especially harmful to children, they would doubtless hesitate before giving the babies coffee to drink.

"When I was a child in my mother's arms and first began to nibble things at the table, mother used to give me sips of coffee. As my parents used coffee exclusively at meals I never knew there was anything to drink but coffee and water.

"And so I contracted the coffee habit early. I remember when quite young the continual use of coffee so affected my parents that they tried roasting wheat and barley, then ground it in the coffee-mill, as a substitute for coffee.

"But it did not taste right and they went back to coffee again. That was long before Postum was ever heard of. I continued to use coffee until I was 27, and when I got into office work, I began to have nervous spells. Especially after breakfast I was so nervous I could scarcely attend to my correspondence.

"At night, after having coffee for supper, I could hardly sleep, and on rising in the morning would feel weak and nervous.

"A friend persuaded me to try Postum. My wife and I did not like it at first, but later when boiled good and strong it was fine. Now we would not give up Postum for the best coffee we ever tasted.

"I can now get good sleep, am free from nervousness and headaches. I recommend Postum to all coffee drinkers."

Read "The Road to Wellville," in pigs.

"There's a Reason." Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.