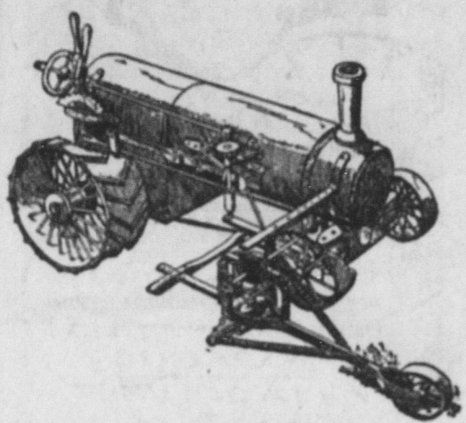




STEERING DEVICE IS HANDY

Automatic Arrangement for Traction Engine Enables One to Keep in Absolutely Straight Course.

The device attached to the front of the traction engine shown in the illustration is an automatic steering device for use in plowing. It is often difficult to steer a tractor in a straight line. This device is an automatic steering device for use in plowing. It is often difficult to steer a tractor in a straight line.

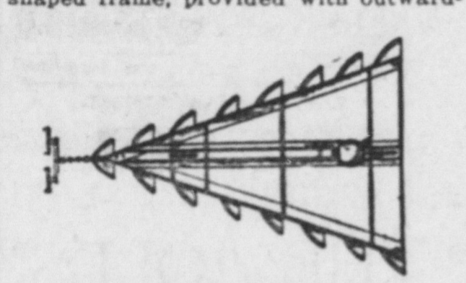


Automatic Steering Device. The device attached to the front of the tractor shown in the illustration is an automatic steering device for use in plowing. It is often difficult to steer a tractor in a straight line.

MACHINE FOR CUTTING BRUSH

Mows a Swath Through Brush as Wide as Rear of Frame—Driver Occupies Rear Seat.

The device shown in the illustration is a brush-cutter composed of a V-shaped frame, provided with outwardly projecting cutting blades. The driver occupies the seat near the back of the frame. The device cuts a swath through the brush as wide as the rear end of the frame.



Brush-Cutting Machine.

The device shown in the illustration is a brush-cutter composed of a V-shaped frame, provided with outwardly projecting cutting blades. The driver occupies the seat near the back of the frame.

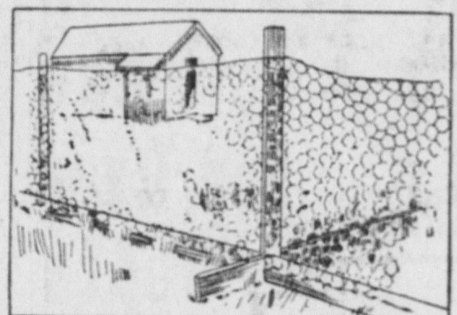
BEE KEEPING IS PROFITABLE

FARM AND BEES

Arrangement Found Quite Convenient by Poultrymen in Moving Chickens Yards About.

It is often desirable to move chicken yards from one part of the farm to another, but if post-holes have to be dug and posts set, it becomes a job which many people dislike to undertake.

A poultryman of Grant's Pass, Oregon, builds his fences without post-holes. The posts should be attached to the cross pieces by heavy screws



Fence Without Post Holes.

or bolts, in order to render them more firm, but it can be nailed with soft nails clinched.

By using bolts to fasten the first piece from the post to the next side piece, or if the connection is made at each post, the fence can readily be taken down and moved to any part of the farm, without difficulty.

Of course this involves making every length between posts a separate section, but this takes very little more time than to build the ordinary wire fence, and some poultrymen will say it is a great convenience.

BEE KEEPING IS PROFITABLE

Every Farmer Growing Fruit Should Keep Few of Little Honey Gatherers in Orchard.

(By F. G. HERMAN.)

I know that many farmers feel that they have as many calls upon their time and energies as they can attend to, and as they realize that this industry is an art in itself and requires no little intelligence and study to conduct it in the best fashion, they are apt to be discouraged in adding it to their already overfull duties.

I think, however, that there is another way to look at this matter. In almost every business the person engaged in it will be more successful if he adds some recreational work. This if entirely different from his regular work, will give restful pleasure and make life pleasanter. Beekeeping is especially desirable in this connection as there are very few kinds of work that are so full of interest and so generally attractive.

Every one growing fruit or any plant that is intended to yield seed should be interested in beekeeping. There is a nurseryman and berry grower who has a farm about two and a half miles from my home apiary, just a little too far for the bees to visit, so by mutual agreement I keep about thirty colonies on his farm and run them for extracted honey, and we are both benefited by the arrangement.

Nearly all parts of our country produce honey in quantities sufficient to pay for the gathering. The amount of honey that goes to waste every year for want of bees to gather it is very large; in fact, too large to estimate.

Every farm has on it fruit trees, berry patches, clover or buckwheat fields, all of which produce nectar, which, in the absence of bees, is evaporated by the sun and practically wasted. The forests also contain many Linden and white wood trees, which are good honey yielders.

Culture Among Potatoes.

I think a good cultivator run frequently among potatoes is the best tool we have, says a writer in an exchange. I know of no tool that will take the place of the fingers in cleaning weeds from among the plants in the hill or row. The hoe and cultivator can do the most of this work, but I always find a few weeds to be pulled by hand. Frequent cultivation is very desirable in time of drought, or any other time, for that matter. I think the extremely dry time this summer will stimulate some to raise more foliage crops to help out the bay crop in the future. That will be a good thing. For worn-out fields I think that generally plowing, dressing and reseeded is the best treatment.

Use for Celery.

Celery, or turnip-rooted celery, is one of the vegetables not commonly grown. It is used for soups, and is sometimes eaten raw. It is planted and grown much the same as ordinary celery. Instead of forming edible leaf-stalks, however, it forms a root very much like a turnip, which may be stored the same as turnips.

Crop Growing Essentials.

The fertilization of the crop is only one of the several important considerations in growing a crop; seed, preparation of the soil and cultivation are equally important.

Clover in Corn Fields.

The Rhode Island station has for many years grown Indian corn continuously on the same acre of land with the aid of chemical fertilizers. One-fourth acre is underdrained and receives no cover crop, a second quarter acre is treated in the same manner, excepting the under-draining; crimson clover is grown on a third quarter and winter rye on the fourth quarter, at the last cultivation of the corn. As a result it has been found that a net gain of but 36 cents per acre has resulted from sowing the rye, but the gain from using the clover has been \$4.19 per acre per annum. As a result a considerable number of farmers of the state are now sowing clover or other legumes in their corn fields. North of Rhode Island red clover is generally preferred.

Chicken Wire for Trellis.

Chicken wire makes a good trellis for tomatoes. A single stake will do, or a barrel-hoop supported about two feet from the ground by three stakes is good.



Keep the hoe sharp and the rows will not seem so long.

The best way to kill weeds now is to pull them up by hand.

Keep the cultivator going. It not only kills weeds, but conserves moisture.

Cucumbers for pickles may be planted yet. Boston pickling is a good good variety.

The quality of the plant-ripened tomato is much better than of house-ripened fruits.

Soil that blows badly may be improved by scattering straw or manure over the surface.

Do not cultivate beans when the foliage is wet. They will become spotted or rusted.

Corn properly planted can be given its first working before the rows can be distinctly seen.

Thin carrots, beets, etc., if they are thick. The extra plants become weeds, in effect, if allowed to grow.

Swiss chard has now taken the place of spinach as greens. Spinach will not stand the hot, dry weather.

The foremost method of cultivating alfalfa is with the disk harrow, one of the most excellent farm implements ever invented.

A good cat is the best and most human mouse trap. The farm is hardly complete without two or three to protect the grain boxes.

Parsley seed germinates slowly, have ground very fine. Cover seed with fine rich soil mixed with manure scrapings. Keep soil moist.

Have a small box for odd nails, screws and other knick-knacks. It is a good place to find just what you need when doing a job of repairing.

Make a practice of putting a monkey-wrench under the seat when going for a long drive. You never can tell just when it will be needed.

Every farm home ought to have a telephone. The convenience will pay for itself many times over, especially in case of fire or sudden sickness.

MANY PLAYERS FROM COAST

Last Year's Crop of Recruits Was Kept Big Leagues Going Quite Lively This Season.

California is noted for its big trees, fine climate and gold; also, hardly a year goes by that the Pacific coast does not turn loose to the big leagues a crop of ball players who make good. In fact, very few of them are turned back. What is more, the Californians who are shipped to the big leagues get in the limelight right off the bat. They seem to develop into the kind of stars that the fans want to see every time they appear in any city. Scouts skip about to all kinds of leagues and get ball players, who are tried out only to be sent back, but the golden west sends them on and they stay.

Twenty-six players from the coast are now in the American league circuit, and all are making good.

The New York Yankees have five. Chase started out there where they have fine oranges and all kinds of other fruit. Harry Wolter, who covers right field for the Yanks, is another. Otis Johnson comes from out that way. Then the Yankees have Wilkinson and Fitzgerald, also from the Golden Gate city. Lynch was another who came from that country, although he has been turned over to the Bridgeport club.

The Boston Americans have Harry Hooper, Lewis, Madden, Pape, Moser and Hall.

Connie Mack is not very strong with California players, but has just secured Leonard of St. Mary's college, and it is rumored that the player will surely make good.

Washington has Johnson, who is one of the star pitchers in big league baseball. In addition to Walter Johnson the Washington club has Street, Groom and Gray, and they are all making good in the American league.

The Cleveland club is well supplied with players from the coast. It has Gregg, who has been touted as one of the best pitchers ever turned over to the big league from the minors. They also have Krapp, Olson, Easterly, Fisher, Graney and Harkness. The Naps think all of these players will be the goods.

Ping Bodie, who is getting a great big send-off in the American league as some swatter and fielder, is another from the coast. He is with the Chicago club, as are Zelder and Dougherty, who were also in California and come from that baseball country.

The Tigers can only boast of one player, but Jennings looks like he has a fine young pitcher in Lively from the coast, who is making good for the Detroit nine.

Bobby Wallace has Meyers, W. Hogan and Hallman with the Browns, and seems to be well pleased with those players, and, what is more, Stange is well known in that part of the country.

BRAINY PITCHER BIG ASSET

Star Flinger Can Render Signals and Inside Play Worthless—Good Common Sense Counts.

Otto Knabe, who is one of the brainiest players in the National League, says this about signals: "Signals and inside play are great things for a ball club to have, but plain common sense, quick thinking and intelligence have signals beaten to death.

"What use have signals and inside play been against Mathewson, Brown, Moore, Camnitz and other star flingers?"



Otto Knabe.

Put a pitcher in the box who has brains and he will smash all the team play you ever saw. Base runners will be pie for the catcher and hit-and-run plays will be jokes. Give me a pitcher in there with the old noodle, and I want to see some of these machines work."

Rights of Married Men.

Judge Hugh Grimm in the St. Louis circuit court the other day told Cornelius Campbell that "married men are entitled to some rights in this world, and when a wife objects to her husband attending a ball game or any other innocent amusement, he should assert his rights and go any way."

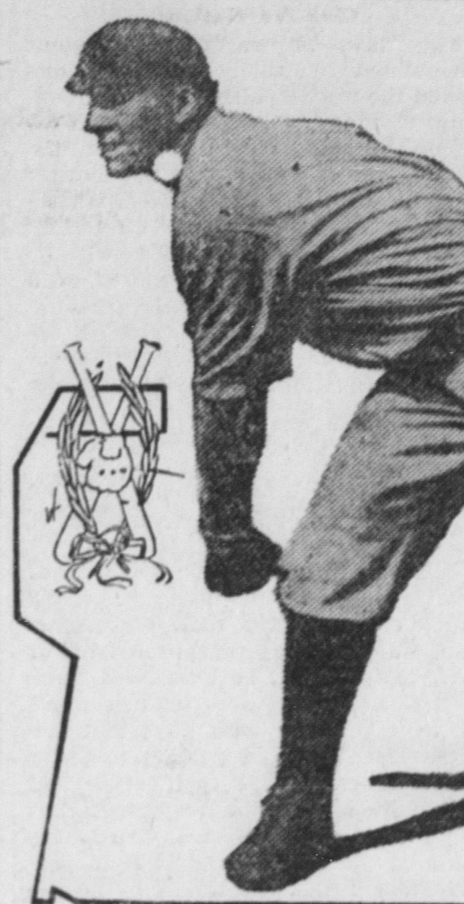
He gave Mrs. Lillian M. Campbell of 2447 South Second street, a decree of divorce because Campbell did not contest the suit. Campbell said they could not agree about anything.

Judge Grimm asked for some specific incidents as to their disagreement and Campbell said: "She fussed when I wanted to attend a ball game."

Cobb Surpasses Everybody.

Leading the American league in batting average, in number of base hits, in run-getting and base stealing, Cobb of Detroit sure shows conspicuously his superiority over all players in the major circuits. The only worlds left for him to conquer in baseball activities are the records of past seasons, of which he holds quite a number, and toward which he is now rapidly heading.

GIANT KILLER EASY FOR SOUTHERNERS



Pitcher Covaleskie of New Orleans.

Ball players said this spring that they would "get to" Covaleskie, the big Pole whom Chattanooga is carting along as one of its star attractions, and it looks like they are making good. The "Giant Killer" is no longer in the bearcat class if the scores that have been made against him recently give a fair idea of the work he is going to do this season.

About the only reason ball players had for saying they would hit Covaleskie last season was that they would play the same kind of a game against him that they played against any ordinary pitcher.

"We'll test his control," they said. "He used to get away with most anything, because he had us buffaloed."

Whatever was the cause there is no doubt that Covaleskie put the jinx on many good ball players in the Southern league last season. They dropped their little angoras just as soon as he came in sight. Some of them were bewildered with his speed, others feared his lack of control would result

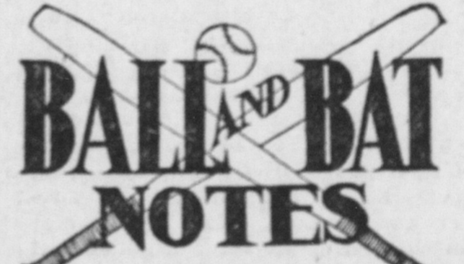
in his slamming them on the bean, others gave up trying to hit him simply because they didn't think they had a chance.

When Covaleskie went back to the big circuit a lot of Southern fans thought he would keep up his spectacular work, and when he failed to do this they began to wonder whether he was the pippin pitcher that he had been cracked up to be. When his return to the Southern league was announced, ball players started contriving his downfall.

There is no doubt that Covaleskie is some pitcher. He has speed enough to singe the atmosphere between the box and the plate, and when his aim is good he is pretty sure to set a pace that only a good team can keep up with.

Milwaukee's New Record.

The record of 19 men left on bases, made by Milwaukee in a recent game, is said to be a new mark in a year being made famous for strange performances.



DICK EGAN WANTED CHICKEN

Scrampy Little Cincinnati Second Baseman Not Satisfied With Lunch as Served.

Dick Egan says the hotel cooking is all right, but has its faults, just like any other brand. The Cincinnati second baseman ordered chicken pie at lunch, and when it was set before him, could find nothing but dough and

the unexpected makes baseball.

Hyatt, of Kansas City, is a slugger. He has poled 11 home runs this year.

Both Merkle and Marquand have ceased to be butts for the humor of the Cubs.

Umpire Mal Eason discovered Knetzer when Eason was manager of the Lawrence, Mass., club.

Baskette, of Toledo, has pitched six games in which the opposing team has made less than six hits.

Hugh Nicol, famous old time player and now coach for Purdue university, is acting as scout for the Cincinnati Reds.

Indianapolis has a new pitcher in Charles Overman, who won fame as an all-round athlete with De Pauw university.

From all reports Umpire Mullen is improving steadily under the tutoring of Umpire Evans, with whom he is paired.

Washington is so taken with the first base play of Germany Schafer that his work is compared to Hal Chase's.

President Horace Fogel is willing to pay \$7,500 for another good pitcher and an outfielder that can hit as well as Magee.

Jimmy McAleer, it is said, may quit the Washington Senators, owing to the poor showing of the club in the present race.

Red Nelson, the grand pitcher of the Browns, is a man of iron. He works all the year around so as to keep his muscles in trim.

Louisville denies that it ever had any intention of selling Fisher to Mobile. He expects to release one catcher soon, however.

Although one has not heard much about it, the Athletics seem to be having a little more than their share of hard luck this season.

Umpire Egan believes Ban Johnson's decree abolishing the warming up of pitchers is to be obeyed at the discretion of the official.

Fred Parent, former White Sox player, still leads the batting order for the Baltimore Orioles. Parent is hitting and fielding at a good clip.

Pitcher McAdams of the Dallas club, who has been purchased by the Cardinals, has made a wonderful record in the Texas league this year.

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Dick Egan.

grave. Hailing the waiter, Mr. Egan made expostulation.

"Say, George," wailed Mr. Egan, "there's no chicken in this chicken pie."

"Aw, say, now," replied the waiter, "you wouldn't expect to find any dog in a dog biscuit, would you?" And Mr. Egan is still studying.

The Grandmother Game.

President Johnson of the American league was pointing out to a sporting editor the wonderful money-making possibilities of the baseball business.

"Baseball is ingrained in our people," he said. "They give their time and money to baseball, though the heavens fall."

"There's a spice of truth in the story of the boss who said to his office boy:

"Well, Henry, I don't see how you'll get to any of the games this season, as your grandmother died twice while football was on."

"You should have known better than that," he replied. "My grandfather has married again, much against the wishes of the family."

Fogel Enters Protest.

Horace Fogel, president of the Phillies, has issued a statement in which he made known his intention to protest a recent game, which was won in Cincinnati, on the ground that Doolin was out of the game because five dollars, which he was fined on July 4 for discoloring a ball had not been paid.

Before the game the money was offered to the umpire, who refused to accept it, declaring the money must be in New York before Doolin is eligible.

NEW STRENGTH FOR BAD BACKS.

Those who suffer with backache, headache, dizziness and that constant, dull, tired feeling will find comfort in the advice of Jacob S. Penze, Green-



castle, Pa. Mr. Penze says: "There was a constant pain in my loins and if I stooped I could hardly straighten. My feet became so swollen I could not wear my shoes. My condition grew worse and the kidney secretions passed so frequently I had to arise fifteen times a night. The pain during passages was almost unbearable. On one occasion I passed a large gravel stone. At last I began using Doan's Kidney Pills and was entirely cured. I recommend them at every opportunity."

Remember the name—Doan's. For sale by druggists and general storekeepers everywhere. Price 50c. Foster-Milburn Co., Buffalo, N. Y.



HE WAS HUNGRY, TOO.

Mrs. Justwed—There's nothing in the house fit to eat. I'm going home to my mother.

Mr. Justwed (broke)—Wait till I get my hat, and I'll go with you.

MRS. SELBY AND PRIZE BABY

"I have always used Cuticura Soap and no other for my baby and he has never had a sore of any kind. He does not even chafe at all most babies do. I feel sure that it is all owing to Cuticura Soap, for he is fine and healthy, and when five months old, won a prize in a baby contest. It makes my heart ache to go into so many homes and see a sweet-faced baby with the whole top of its head a solid mass of scurf, caused by poor soap. I always recommend Cuticura, and nine times out of ten, the next time I see the mother she says, 'Oh! I am so glad you told me of Cuticura.' (Signed) Mrs. G. A. Selby, Redondo Beach, California, Jan. 15, 1911.

Although Cuticura Soap and Ointment are sold everywhere, a sample of each, with 32-page book, will be mailed free on application to "Cuticura," Dept. 29 L. Boston.

Her Reason.

Stella—Has she become an aviator?
Bella—Yes. She believes that matches are made in heaven.

For COLDS and GRIP
"Hicks' Catarrh" is the best remedy—relieves the aching and feverishness—cures the Colds and restores normal conditions. It's liquid—effects immediately. 10c., 25c., and 50c. At drug stores.

A woman's idea of a good figure depends on whether she is thick or thin.

SAVED FROM AN OPERATION

By Lydia E. Pinkham's Vegetable Compound

Peoria, Ill.—"I wish to let every one know what Lydia E. Pinkham's remedies have done for me. For two years I suffered. The doctors said I had tumors, and the only remedy was the surgeon's knife. My mother bought me Lydia E. Pinkham's Vegetable Compound, and today I am a healthy woman. For months I suffered from inflammation, and your Sanative Wash relieved me. Your Liver Pills have no equal as a cathartic. Any one wishing proof of what your medicines have done for me can get it from any druggist or by writing to me. You can use my testimonials in any way you wish, and I will be glad to answer letters."—Mrs. CHRISTINA REED, 105 Mount St., Peoria, Ill.



Another Operation Avoided.

New Orleans, La.—"For years I suffered from severe female troubles. Finally I was confined to my bed and the doctor said an operation was necessary. I gave Lydia E. Pinkham's Vegetable Compound a trial first, and was saved from an operation."—Mrs. LILY PEYROUX, 1111 Kerlerec St., New Orleans, La.

The great volume of unsolicited testimony constantly pouring in proves conclusively that Lydia E. Pinkham's Vegetable Compound is a remarkable remedy for those distressing feminine ills from which so many women suffer.

Thompson's Eye Water

If afflicted with sore eyes, use Thompson's Eye Water.