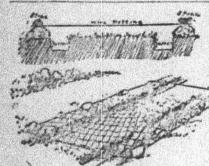
The Farm Horse. W. J. Overton, of Illinois, writes any other draft horse in six months, use a little, and before the end of the but he never could get the work out of Year it is all gone. American herse with as much Morgan mares to the draft horses they thought. they wanted larger borses. They got them larger in some parts. It might be in the head, the legs or the body. but usually not all in one colt. No one will claim that they have as good a wearing breed of horses as they had twenty years ugo. "The farmer who only raises cuits for his own use. with now and then one to sell, had better stay by the good-sized, smooth, American-bred borse," he says.

Protectine Young Chicks Prom Hawks. closely in pens, growth will be greatly expensive. retarded. A good plan under such | elecumstances is shown in the accom-



ZOIND BUTOL TOUTONG OF BRITTING apart so that the distance from the outside of each shall be just six feet. Make the furrows 150 feet long. Stretch a real of six foot were nothing slong the forrows fastening the edges down with stones. This gives a long run on both grass ground and plowed land for the chicks, and hawks cannot molest thera. The coop can be set at one end, the other end being stopped with sod. The plan is shown in the cut.-W. D. Maine, in New England

Treating a Radly Drained Soil. Drainage of a heavy, thick soil, inclined to be hilly and uneven, is some-Ling that is not always an easy matter, but if one has such a farm, the sooner he begins to make the improvement the better. It is waste of time and money to attempt farming on a field that demands drainage badly, and it is wisdom to abandon the farm entirely or begin to drain it. I have succeeded so well with a home system of drainage with stones that it may be worth recording. The soil was at first quite full of stones, which I at first field. A few stones would work up meat should be twisted together with to the surface every spring, and these I would also pick up. In the course of a few seasons I had a fairly good soil where a stick then pushed through the without any stones to annoy me. But loop will hold the lam secure. the drainage was bad. The water This made plowing late, or if done of several joints or old stovepipe. The early a muddy and unpleasant task. The land sloped down in one general direction, but there were numerous depressions which collected the water

general direction of the slopes. I could not afford tiles or any expensive material, and so I decided to use the pile of stone. I plowed deep ditches across the land, making them all run parallel with the main slope, and cutting cross ditches in the opposite direction. In hole for the fireplace should be about this way the whole soil of the field was two feet deep and at least six feet drained so that the surplus water away from the box. The trench for would run into main ditches and thus the stovepipe should not be over onestones, using the large ones first, and der the box near the centre; an old it?"-Detroit Free Press. placing them so that the largest possi- elbow joint makes this very easy to ble coaces would be left between. Cn do. The pipe, of course, should be covtop of these I packed the smaller ones, ered with the loose dirt thrown out, and on top of them placed a layer and the sides of the box banked up it off with six inches of soil, bringing as much as possible, for notwithstandthis Grainage works perfectly. The sary amount of draught. soil is never clogged with surplus in rainy weather. The cost was only Minners, in American Cultivator.

I decided to drain. I planned the

whole thing out on paper, noting the

Buying or Renting a Farm. equal, buying or reating. The rent some kinds of smokehouses, so-called, practicable. sincunts to as much, and often more, it harbors no danger whatever, if than the taxes, interest and repairs, rightly made, of burning a single build-The renter has more money to put ing on the farm.-New York Tribune. into stock, but his possessions must accommodate themselves to the farm Or he must build extra fence, which ing vegetables or flour dishes.

is expensive, as the fence is useless when he moves elsewhere. Usually the renter exchanges crops and stock for money when he moves, which is every year or two. Of course be puts the money in the bank and is going to save it until he can pay cash for a farm. During the year he sees something that he is very anxious to own, the Breeders' Gazette that he does not and as the money is easy to get, it goes. believe the place for the draft horse Of course he is going to have a better is on American farms. He has raised crop this year, and will make more be a little affected. some of the largest and best draft money on his bogs, and can easily re-

them he could get out of a good-sized The buyer cannot do this. When he blood as he could get. When they tried | Bays the money on a farm, it is there to breed their small or medium sized to stay. He must deny himself many things, but he who satisfies every want will not have his labors crowned with success. Unceasing toff is the body ran up to see what was the matparent of success. It only takes about half the year to raise the crop. During the other half the renter does not he works, but the buyer works while the renter is idle. The weeds need cotting, the fences need fixing, the ferneed repairing, and many other things tired to be done, so that the buyer is stopped the train " Where hawks abound, young chicks busy the entire year. Ferhaps he has must be closely guarded. If shot up less amusement, but amusement is ago, spoke up another engineer.

A farm should have a good orchard and a garden of shrubbery. Neither coming up the track. They're so bright panying cut. Plow two furrows par-nallel to each other and just far enough take care of those already on the form. The renter leads an simless, unsettled life. He has no definite aim in view, and works in a haphazard, hit or miss fashion, and it usually turns out miss. The buyer knows just what out miss. The buyer knows just what over with me, but I stopped to put on the has to do and each day brings him. se has to do, and each day brings him searer the goal of his ambition. Haif York Tribune.

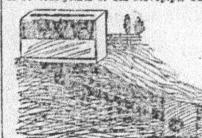
An Excellent Smakehouse,

A good smokehouse on any farm is a desirable thing to have, the great difference between the price of home switch."-Sait Lake Herakl. grown pork and store bacon making it a paying job for every farmer to smoke his own meat, and especially for home consumption. It is too expensive, however, to have a well arranged smokebouse, as generally constructed, in all cases, and hence the reason for presenting the novel affair shown in the accompanying illustration.

As can be seen, it consists of a box opportunities. should be four feet high, and is usually vation of life. square. The meat is inserted through out of principle. the door in the side, which should be o less than twenty inches wide, and hinged at the lower part so as to let | down from the top. Hooks should be fastened to it, and staples driven into your buy your kettle. ented, to hold the door in place when which we color life. closed.

For hanging the mest bore holes neither time nor eternity. through the top of the box and far | The truth is found only by those who enough apart so that the pieces will are willing to lose their theories. not touch when hung. Places of wire i work best for the purpose, one end of picked off and piled in one part of the which having been run through the the other so as to form a loop, and this inserted up through the augur hole,

The device should be built on slopwould settle in the soil and on the sur- ing ground, provided such is available. face in the spring, and the land was for then the fire that is to furnish the always late in getting into tillable smoke can be placed at the proper condition. It was cold and wet when distance from the box and jet have the most other soils were warm and dry. smoke readily conducted to it by means



hams are all hung a tire should be by liquid air. but I have permitted a sod of grass kindled in an old kettle or pan, using According to Dr. d'Arsonval, the new to form on them to mark their course. | corn cobs for fuel, since these make The water following the line of ditches drains off below the surface, and there they are easy to handle and will last tists, expecially in chemical research. is a steady outpour in the main ditch long. As soon as a good smoke has permitting the construction of therbeen started the "furnace" should be mometers of a precision not hitherto that of my own personal labor.-C. W. set in the hole prepared for it and attained. boards laid over the top, or, better, a In his forthcoming communication large piece of sheet fron, tin, or some. Dr. d'Arsonval will demonstrate other thing of that nature. By banking this valuable scientific uses of the new dis-It doesn't make any difference up so as to keep the smoke from escapwhether a man has small means or ing, one will be in a fair way to have tors says that D'Arsonval is on the can pay cash, the best policy is to some first-class bacon. Several hun- point of succeeding in experiments buy. Every farmer is ambitious. He dred pounds of meat can be smoked at which aim at the use of petroleum wants to own a farm-to have some a time, and, let alone the economy of ether for cooling the atmosphere of place to call home, even if it is only this, the device is of inestimable value houses during the summer, a project forty acres. The expenses are about as a safeguard against fire. Unlike which exceeding cheapness renders

The gauches of Argentina live cuhe rents, and this is often inconvenient, tirely on roast beef, scarcely ever tast-

ENGINEERS' FALSE ALARMS. Why Things Look Different From What

They Are.

"When a man's sitting in an engine enb, looking up the track with a constant watch for danger a burden on his mind," said an engineer, "though they really are. This is especially true

"I used to know an old engineer who horses in the county and sold them at place the money, and more, too. It is was one of the most careful men on the the yards at figures not reached by just as easy to use it all as it is to read. In fact, he was always worded most a mania with him. One day he was pulling a long freight down a pretsells a crop, or a bunch of hogs, and ty fair grade when he suddenly chapped on the air and gave the 'highball' with the whistle, sending the brakemen out over the train setting the hand brakes as fast as they could. Finally they

ter. Among the men who came up was a red-shirted section man. When do enough to pay his expenses. He the fellow got close, Jack, the engimakes as much as any farmer while beer, began to rip out the biggest string of expletives I ever heard. He dressed up and down any man who would wear a red shirt while working illizers needs scattering, the ditches on the section, for Jack had seen that shirt and thought it was a red flag and

"I had an experience myself not lous was since the new electric headlights were put in. You know how they look the brakes and reverse, and hund of of the secret of success lies in having the train stopped before I jumped. The just a minute in the hope of getting uncessing toll-G. I. Johnson, in New grade wasn't very heavy, and I got the train scopped all right. Before i started to jump I looked again. I discovered then that the light didn't seem to be any nearer. I investigated, and found that the other train was at a stand still waiting for me at the

WORDS OF WISDOM.

No strength without struggle. Cruelty is one of the marks of cow 数字情 安安.

People are not reclaimed by calling them names. Brave bearts break out their own

of such a size as is desired, only it | Breadth of outlook depends on ele

more convenient if three by five feet | Policies make good tools when forged

The occupation of the hand belps to garrison the heart. It is well to have your fuel before

the sides and top of the box, as indi- Cur thoughts are the pigment with

Time may be money, but money is

The hands will not point the right hours without the mainspring of right

Better to suffer for being ahead of your times than to be less for being behind them - Ram's Horn.

Wooldn't Stand For It. "I hardly think my wife sees the

joke yet," said Brown, with a smile, "and I am also inclined to think that she was defiberately trying to create a false impression, to which I plead "One night last weet I thought I

heard some one prowing about the house, and as there have been a numher of houses broken into intely, I concluded that the noise was made by burgiars. As I sat up in may bed lispening I chanced to glance but the next room, the door of our bedressn being open, and there stood a sure-enough burgiar examining our silverware. With this startling discovery came the chilling thought that I hadn't such a thing as a firearm in the house. But I determined to run a bluff, so turning to my wife I said in a loud voice;

"'Where's my revolver?' "'John,' she answered in a voice down to swampy levels. Then I pro. half as deep, and dug so that the upper equally as loud, 'there isn't such a ceeded to fill in the ditches with the end of the stovepipe will come out un- thing in the house, and you know

Colder Than Liquid Air.

Dr. Arsene d'Arsonval, a member of the French Academy of Sciences, proof straw and cornstalks. Then I topped with carth, its cracks even being calked poses to annuance his discovery of a method of extracting from ordinary the surface up to within a few inches ing all the precautions, enough smoke petroleum oil a liquid absolutely unof the general level of the field. Now will still escape to insure the neces- freezable at a temperature of 205 degrees below zero, thus beating the When the affair is completed and the record for unfreezability hitherto held

"petroleum ether" is destined to be

covery. One of the doctor's collabora-

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"I had a very severe sickness that took off all my listr. I pur-Vigor and it brought all my bair back again."
W. D. Quina, Marseilles, Ill.

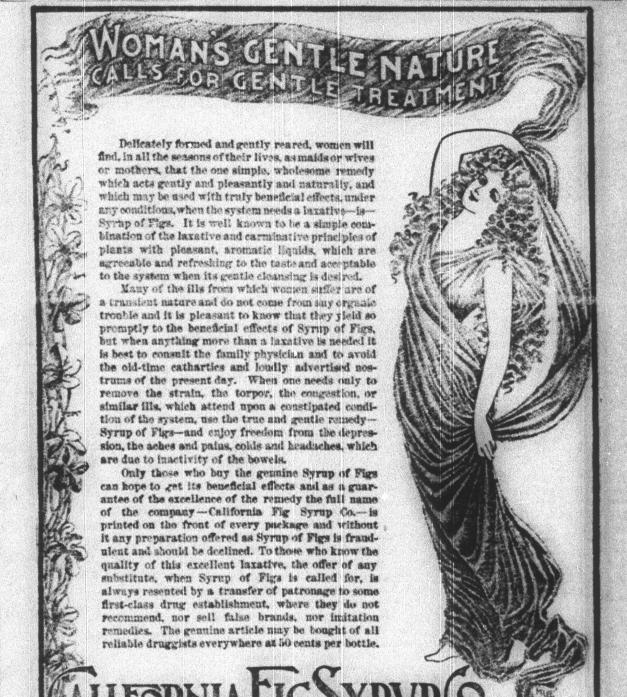
One thing is certain,-Ayer's Hair Vigor makes the hair grow. This is because it is a hair food. It feeds the hair and the hair grows, that's all there is to it. It stops falling of the hair, too, and always restores color to gray hair.

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