

nd Plan of Milk House

Ground Plan of Milk House.

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As best for a small farm dairy or milk house.

The state of the

y. Would prefer naving a in year building.
The quantity of ice required to eight cans of milk daily would and on the amount, temperature to year available, temperature to which was cooled, etc. On the average should estimate 50 tons of ice. as seary. In the plan, we have aid, for three times this amount, so to have ample room for cooling to have ample room for cooling successary. In the plan, we have alsweed for three times this amount, so
as, to have ample room for cooling
mits, etc., for household purposes, besides some to give away to the neighsome. If the lee is to be used daily
became the some the some the some to
first land would be larn an loc-house
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mits froom may also be smaller, or left
out altogether if Subscriber has an
other room for washing, bottling, etc.
The loc-house and refrigerator would,
asswer the Purpose on most farms.
The millik-room could be added afterwards if found necessary. This is true
if cold water be available for cooling
fed milk, which may then be set in
the refrigerator until ready for shipment.

retrigerator until reasy for anip-thow far the milk-house should be at the stable would depend greatly a draumstances—how clean stable yards are kept, etc. We should a stable with the stable of the stable to the stable of the stable of the stable to the stable. The stable of the stable word in caring for the milk, but greater the danger of its being ted from the stable.

Harpiet for Paupera.
Isle of Wight (England) worknow boasts an official harpist.
Interest of the inner seed to the form of the inner of the appointment was made by ardians on the recommendation lunacy commissioners, and an

TEACHING THE HEIFER TO MILK. ch a Hard Task if Ma

Breaking the heifer is an operation much dreaded by some; shirked by the men and forced upon the women. Or, berhaps, it seems to require the combined efforts of the whole house-hold. It is our experience that if properly managed there is no need of deadling it declares a correspondent.

cows that apparenty never how how to kick. In the first place, the helfer should be perfectly tame, should never have land to the helfer should be perfectly tame, should never have land to the helfer should be perfectly tame, should never have land to the helfer is more acquainment to being it the stable at that time; however, she helfer is more acquainment to being it the stable at that time; however, the should be tame snought to go into it at any time without fear. We try to the should be tame snought to go into it at any time without fear. We try to the safety of the calf, whereas if she is, alone she fears for the calf when we come around later on. We are very come around later on. We have very case she will resent it by kicking, and once started to kicking she may keep it up. We condemn the advice to accustome the helfer to having he widder hand the helfer to allow her udder, to be mediated with. The first time we touch her udder its when the calf arounds held to the subject of the state of the subject of t gently squeezed at first a pulled. It is very seldom a kicks unless she is hurt.

Means Cooler Water in Summer and No Freezing in Winter.

correspondent in Shiawasse Michigan, sends a snap shot k house, which he recommen consideration of other fa-he says there is nothing cla-it his plan, but it covers the

A correspondent in Sblawasse couny, Michigan, seeds a staps shot of his
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A Shed Roof Tank House.

a very cold night it is possible to close the water and, except in very reme weather, prevent all freez-

ing.

Often a tank protected as this one is, says our correspondent, will go through a night without any sign of ice, when the same tank in the same place, but unprotected, would be badly frozen over.

Age at Which Dairy Animals Become

Good dairy cowa should not be "Osberized" until they are at /least 12
years old, and even after/they have
reached that age some confine to produce a large quantity of milk. The
production of milk depends afterly on
the care that is takep of the animal
have power that the production of
milk and bytter fat constantly increases until a cow is six years of age,
when she should be at her prime as a
milker. Helfers produce a somewhat
better quality of milk than older cows,
older she takes on weight, and the
amount of fat in the milk is correspondingly decreased. A considerable
portion of food is used by young animais for the formation of tooly tissue;
and , helfers therefore refuire more
than the older cows, says the Journal
of Agriculture. After cows have
eached the age of seven years the
amount of food required again increases. Unless the animal drestive
organs have become impaired by improduce milk until 12 years old, although naturally the supply will be

EADM MOTES

Clean up the walks and drive

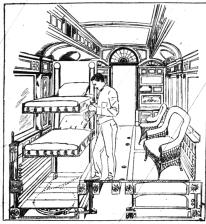


It in an accumulator. The Literary Digest relates from the Corriere della Bera (Milan) the following description of the process:

"Prof. Batelil observed that the mineral springs of San Giulnan, near Pisa, were strongly radioactive, and he decided to try to isolate the ensurance; has been decided to try to isolate the ensurance; has been decided to try to isolate the ensurance; has been decided to try to isolate the ensurance and the spring with the produces a vacuum in a receptacle stimuted about 30 feer above the level of the spring water; when the water then produces a vacuum in a receptacle stimuted about 30 feer above the level of the spring water; when the water then produced the spring water; when the water then passes off by a dipcharge tube, and a new supply enterps below. There is thus a continual current of water flow.



# Sleeping Car With Berths Under Floor



Raising th e Berths.

A radical change in the construction up hoor, sleeping cars is proposed, which lowed to A radical change in the construction of sleeping cars is proposed, which will afford all the room and comfort of a parlor car during the day with lentred light, and better ventilation at night. In this car the berthy are entirely below the floor during the day, the space being occupied, by comfortable arm chairs which may be moved about as desired. In making up a berth the chairs are removed and tray doors are raised which become the partitions between the sections, and the porter by means of into position. The berths lock securely at any desired height. The company intends to make no charge for an upper berth when it is not occupied, and if such event only one berth is raised above the floor, leaving a room unpharticeld to the ceiling of the car.

the car.

The oścupant can have his berth at whafever height he desires, like a low of high bed, says Raliway and Locymotive Engineering. The new plan enables the porter to make up or scrawy that the proper of the proper of the property and the property of the present system in steeping classified of the property of the present system in steeping classified of the property of the present system in steeping classified of the property of the pr

to get at the beds all It passes through dustp



Berth Raised and Made Up.

screens, and the beds get an all-day airing, and at night are sweet and clean, and moreover, they are made up and ready for use the moment they are wanted.

## LIFE COUNTERFEITED.

of Artificial Devices.

Life has been so nearly counterfeited in recent experiments that it is,
almost impossible to detect any difference between the forms manufactured in the chemist's laboratory and
the actual organisms of life, according
to Dr. Alfred Gradeavitz, whose article in the Technical World Magatine, entitled "Life Artificially Counterfailed" what biologists have recently
been able to accomplish towards producing life by artificial means. He
describes the experiments of Dr. Stadelmann, who, by the action of electrictity on certain chemical compounds,
has produced many curious forms
which closely resemble organic struchas produced many curious forms which closely resemble organic structures. Photographs of these forms are reproduced with the article. Dr. Gradeswitz not only tellis of the results which Dr. Stademann has accomplished, but describes how be cause to discover the process, and tellis other interesting stories about scientists in their search for the answer to the great question which has puraled the great question which has puraled.

Stephenson's "invicta."
Stephenson's old "invicta." locomo-tive, which seventy years ago used to run between Canterbury gnd Whit-stable, was formally unveiled at Can-terbury recently, by Sir David Salo-mons, who presented this interesting railway relie to the town council.

Good Blue Prints.

Very good blue prints can be made from carbon copies on thin paper, if two sheets of carbon paper are used, one under and the other over the sheet which is to be printed from. Of course, both coated sides of the car-

A Junk Merchant.
A junk dealer is not necessarily a san who drives through the back treets collecting old bottles and crap iron. One firm in New York streets collecting old bottles and scrap iron. One firm in New York makes a specialty of purchasing consists of the property of the second of

an important influence upon the fishes in the water. The investigations of R. H. Pearl, the American bothnist, prove that most rooted water pinnts extract mineral food from the ground, and such vegetation as the pondwed. (\*Potamogeton) aids fishes by aoding mineral substances to the water. On mineral substances to the w the other hand, the hornwo tophyllum) unfits a lake for as it takes its own food salts in the water.

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more of Fine Lake, is Bloomweld and West Bloom wellest locations in all the land county; its acres with it and county; its acres with it is and hickory grove. Parm is the eastern portion and rest. The price is less than result in the castern portion bordering read the portion bordering read the portion bordering to times the whole amount its miles from the city of opposite end of Fine Lake electric railway stations at electric railway stations at

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ery convenience act to have in the sat location in our practically new; 125 feet front on 0 feet deep. And idn't feel justified anner. Really, if bath—hot and cold water; which you would have or e city; without exception the village; brick house, 2 stori-cost 28,000 to build it; lot at Woodward Avenue, and about the price is so low that we we in mentioning it in this public

eph Choate, the famous lawyer, d at a dinner party at Lenox interesting reminiscences of the Telated at a dinigr party at Lenox some interesting reminiscences of the bar and bench.

"A striking case," said Mr. Choate, "transpired in the '6\s". It was a case of a workingan who claimed to have lost the sight of his left eye in an exploration.

sight

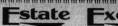
occiared that the sight was utcomediated that the evidence, beard all the evidence, pro and con. Then, sending the workman from the court room, he said:

"Get a blackboard and write a sentence on it with green chalk. Also get a pair of speciacies with ordinary clear glass for the right."

"This, in the colume of an hour or so, was done. Then the workman to you the column of the the column of the column of

to him:
"Turn the blackboard round and
see if you can read what is written."
"The man read the sentence without
hesitation, whereupon the judge said

Biggest Baby and the Iceman.
Recently there was an addition
to family of a well-known Bard ille couple and the young pares are accepted was to weight the back of the couple and the young pares are an oscales in the hote, the second part of the pa



ge Bank, Birmingham, Mich.

on Woodward of Mollie G. Sm. r, south by Rowe venue, 108 feet fro

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front or 187

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