

Extemporized Grain Bins. It is no small job and requires not a little lumber to make a grain bin for the stables, having four compartments. The cut shows an easy way of securing the same accommodations. Four empty sugar barrels are set in a row and secured by a few narrow strips of board. A cover is hinged either to the wall or to this framework and the bin with four compartments is complete. It may even be

made by setting the four barrels in a

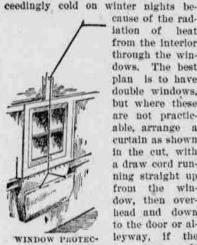


row and hinging a cover to the wall behind them. A sugar barrel is very commodious and easy from which to dip meal.

Suggestion to Buyers.

The obligations of the advertiser of live stock to his prospective patrons are well understood. He must be honest in describing his stock, prompt and courteous in his correspondence, and faithful in carrying out his part of a contract with a distant customer. The breeder who neglects such things as these cannot meet with success, no matter what advantages he may seem to have in other respects. But the other party to this business, the inquirer or prospective buyer, is also under obligations. He should know what he wants, carefully describe it, and having secured a price on it from the breeder promptly accept or reject it. Where catalogues are sent and prices do not suit no further correspondence, of course, is necessary. But when a breeder quotes a price by letter he should have a prompt answer, and it should be just as prompt if the offer is rejected as it would have been if accepted.-Stockman and Farmer.

To Keep the Heat In. Many poultry houses become



dows. The best plan is to have double windows, but where these are not practicable, arrange a curtain as shown in the cut, with a draw cord running straight up from the window, then overhead and down to the door or alleyway, if the house has one. It

is then an easy matter to pull the cord tight on going the rounds at night, dropping it in the morning. This is an inexpensive arrangement and will greatly aid in keeping fowls warm.

Shrunken Wheat for Poultry.

There is probably no better nor cheaper food for fowls than shrunken wheat. It is better for them than the plump grain, as it contains all the gluten and mineral nutriment that the plump grain does, the difference being that the latter has more starch which poultry has no use for except to make seeds ought to be the main feed for laying hens. It makes condensed nutriment almost equal to the fresh bone which should be used as its supplement, and which serves not only as food, but to help digest whatever else besides itself is in the fowl's gizzard.

Soil Inoculation.

The Alabama Experiment Station has made tests in soil inoculation, and it is announced that the dust blown from a field over another will fit the land for a leguminous crop if such a crop was grown on the field from which the dust came. The result is a confirmation of the theory of German scientists that bacteria from certain crops may be bottled for transportation with a view of inoculating soils, and thus adapting them to the crops desired, but which previously could not be grown to perfection on the land.

Setting a Hedge.

In setting arbor vitae for a hedge let them be small, and set them about two or three feet apart. Keep them well headed and trimmed low until the bottom is well filled, or they will never hay. The fact that this barley has long look well afterward. If kept free from grass and occasionally manured there headway seems to indicate that its is no reason why they should not last a | yield is in no way remarkable.

Heat for Hothouses.

It is almost always used by beginners, butter are made every day.

because its first cost is less. But the coul fire is not always reliable, and the heat cannot be regulated so as to preserve an even temperature. Sooner or later pipes with hot water will be used, and in this way the hothouses can be saved from either extreme. Too many forget that in growing vegetables in winter under glass an excess of heat may prove as serious an evil as a frost,

Economy in Hog Killing.

For those who have but one or two or even three hogs to kill, it is far cheaper to take these where a larger number are to be slaughtered, and where there are all conveniences, than to kill the hogs at home. Heating the water and getting ready generally take a good deal of time. When this is done the work of killing and dressing requires comparatively little time. It is far better for farmers to co-operate in this work. Every farmer who has only a few hogs to kill can have this job done for him much cheaper as well as more easily than he can do it for him-

Worrying the Cow.

A rough, quick-tempered man should never be tolerated around the cow stable. The cow loves quietude. Any disturbance which excites her lessens, if it does not stop, the secretion and flow of milk. It is very easy for an employe, by kicking and beating a cow just before or while he is milking, to lessen her milk flow by one-half. This is called "holding up" the milk. It is really a prevention of milk secretion, and the milk thus lost does not come down at any subsequent milking.

Corn Cobs for Kindling.

Corn cobs are often used for kindling fires. But while they light easily, the cob being solid does not create a draught of air and the fire soon goes out. Finely split kindling is much better, as it gives more heat, and thus sets fire to the heavier wood. But if dipped in kerosene and placed under the wood, the cob will furnish heat enough to light dry wood in large pleces without using any other kindling. It is the only way in which kerosene oll can be used with safety in lighting fires.

Double Walls for Warmth,

In building for warmth it should never be forgotten that tight double walls, enclosing a dead air space, are much better than a solid wall of any material. These are equally useful to keep out cold in winter and the excessive heats of summer. Air is one of the poorest conductors known, and when it is confined so that no current affects it, there is greater uniformity of temperature than can be secured by any other method.

Timber Grown in Europe.

Valuable as is land in France, Germany and other portions of Europe, timber is grown on portions of each farm in some localities or in large tracts by the governments. It is known that the growth of timber is beneficial to agriculture, in tempering the atmosphere and regulating moisture, and the lesson taught by Europe, with her centuries of enterprise, should not be overlooked in this country.

When Apples Are Best.

There is a particular time in the ripening of every fruit when it is at its best for eating and that with some varieties is very short. So when you eat an apple that is highly praised for its flavor do not lose confidence in human testimony if you do not find it all that it has been cracked up to be. There is great difference, too, in apples of the same variety grown in different locali-

Dispose of Sprplus Stock.

Though food is cheap for feeding stock, it is never worth while to winter what even after keeping is sure to be worth little more in spring than in fall. The young growing stock make a positive gain in size and weight. If any other stock does not do this, see to it that it produces something to pay fat. Shrunken wheat free from weed its way, or else dispose of it at once for the best price to be had.

Marketing Honey.

At a German bee convention a large dealer of Berlin advised that beekeepers should dispense as far as possible with the services of middlemen, dealing directly with the consumer, sell to customers at home, at the market of the next town and in groceries. For retail small glasses are preferable, holding one-third, one-half, two-thirds and one pound each, with elegant labels,

The Cow Pea.

The National Stockman says: "Just why the cow pea is not more widely grown is hard to see, for it certainly is one of the most valuable leguminous plants that we have for restoring the or four year old mother and her last fertility of the soil. And as a money crop they are not to be despised, as the seed is generally as high as beans."

Beardless Barley.

Beardless barley is not a new variety. being grown to a limited extent in the East, and rather common on the Pacific coast, where it is used for producing been grown and has as yet made little

World's Largest Creamery. The creamery at St. Albans, Vt., is The old-fashioned coal furnace with said to be the largest in the world. The flue is now out of date for cheap and milk of 12,000 cows is converted into safe production of heat for hothouses, butter daily. About 10,000 pounds of



Daniel Webster when in full practice was employed to defend the will of Roger Perkins, of Hopkinton. A physician made affidavit that the testator was struck with death when he signed the will. Webster subjected his testimony to amost thorough examination, showing by quoting medical authorities that doctors disagree as to the precise moment when a dying man is struck with death-some affirming that it is at the commencement of the dis ease, others at its climax, and others still affirm that we begin to die as soon as we are born, "I should like to know," said the opposing counsel, "what doctor maintains that theory." "Dr. Watts," said Mr. Webster, with great dignity. "The moment we begin to live we all begin to die."

A week ago a major of the Victoria Guards died and was given a military burial. The regiment is a crack one, and we went to see the procession. When the mournful pageant was over we stood thinking of the solemn scenethose sad-faced men, the reversed arms, slow tread, sad music, and touching sight of flag-draped coffin, and unused helmet. Some one touched my elbow and sald: "Was the dead gintleman anythin' to ye, ma'am?" said I, smiling in spite of myself. "Ye looked so sorry, I was full sure he was somethin' to ye," she continued disappointedly. "He was a human being. and a brave soldier; that should be something to all of us." "Yis. Yis, to be sure. But wouldn't it be grand, ma'am, mournin' for a man like that, supposin' he was somethin' to ye."

When Joseph Jefferson's oldest son was a child the family lived in a quiet, exclusive neighborhood in New York City. Masser Jefferson, being a true boy, joined in play with the other boys in the street. One lady who was very particular as to with whom her children played admonished her boys for playing with a stranger, saying: "I don't know that Jefferson boy. Who is his mother?" "We don't know who als mother is," was the reply, "but his father works in a theater."

Two Irishmen were cleaning a window in a tall building. To facilitate their work they had stuck a board out of the window and Pat stood on the end of it which was outside and Mike on the end inside to balance. Suddenly Pat shouted: "Molke, I've dropped me sponge." "Thot's all right. I'll go down and git it." When he got to the street he found Pat in a heap on the sidewalk and exclaimed: "Well, well! How did yez git down here so quick, Pat? I ran all the way down, but bedad yez hov beaten me."

Sir Walter Scott had his share of curious experiences shortly after being called to the bar. His first appearance as counsel in a criminal court was at Jedburg assizes in 1703, when he successfully defended a veteran poacher. 'You're a lucky scoundrel," Scott whispered to his client when the verdict was given, "I'm just of your mind," re turned the latter, "and I'll send you a maukin"-namely, a hare-"the morn, man." On another occasion Scott was less successful in his defense of a housebreaker, but the culprit, grateful for his counsel's advice, gave him, in lieu of the orthodox fee, which he was unable to pay, this piece of advice, to the value of which he (the housebreaker) could professionally attest: First, never to have a large watchdog out-ofdoors, but to keep a little yelping terrier within; and, second, to out no trust in nice, clever, gimerack locks, but to pin his faith to a huge old heavy one with a rusty key. Scott long remembered this incident, and thirty years later, at a judges' dinner at Jedburg, he recalled it in this impromptu rhyme:

Yelping terrier, rusty key, Was Walter Scott's best Jedburg fee.

An English paper tells of a clergyman who had two curates, with the older of whom he was at swords' points. On being appointed to another living. he decided to take with him the younger carate, whom he liked, and when he came to preach his farewell sermon he chose as his text: "Abide ye here with the ass, and I and the lad will go youder and worship."

MOTHER LOVE IN SNAKES. A Marked Exhibition of It Seen by a

Naturalist. Even the cold-blooded and clammy snake evinces maternal affection, and I am fortunately able to produce evidence corroborative of this statement that is fresh in my memory. On March 29, while seated on my front porch, I noticed one of my dogs, a yearling puppy, acting in a peculiar way on the lawn. He was circling around a small, circumscribed spot, every now and then thrusting his nose towards the ground, and then quickly jumping back.

On approaching the animal I discovered that the object of his playful assaults was a bunch of snakes, a three year's brood of young. The day was very warm, the sun shining clear and bright, and these creatures had emerged from their old den or nest in the ground, a foot or so away from the spot where they were lying, and were sunning themselves. When they observed me they made an attempt to regain their nest. I killed two of them. however, before they could enter. I had read somewhere that if a snake's young were taken and their bodies dragged along the ground, the mother snake would follow the trail, and if found alive she would conduct them back to the nest. I took two which I had killed, and, after dragging them along the turf, deposited them on the pavement some fifty feet from the den:

I then resumed my seat on the porch and awaited developments. In a short while the mother snake emerged from the nest and, after crawling about for at once followed it to the pavement had a witness in the person of my ice-

Made of Willow by a Basket-Maker-Ten Years at It.

It is a common experience, says the Jeweler's Circular, that in many branches of industry, outsiders with out any acquaintance with that particular branch sometimes compose works of unusual artistic character. This is quite frequently the case in the art of horology; ingenious men, who understand nothing about watch making and its fundamental principles, succeed in constructing, aided only by their ingenuity, an artistic clock that challenges the admiration of the world. The latest addition to this list has just been made by a simple basket-maker, one Schulz of Alchach, Upper Bavaria, who manufactured a clock of willow braiding, perhaps the only one of its kind extant. The clock on which he worked for about ten years, is seven feet six and a half inches high. The going work contains thirty-four wheels. the teeth of which are of hardwood pegs, braided in. The pendulum, of willow braiding, is six feet six and a half inches long; the principal dial, also of braiding, has a diameter of thirty-three and a half inches. It indicates central European time, while four smaller dials around its circumference point New York, St. Petersburg, Madrld and Athens time. The big dial also has sixty-one small calls, each with a separate index indicating the date, with day stated on a little plate in the center of the dial. Over this calendarium are represented the different phases of the moon, which are visible upon a silver disc of the moon. The work is crowned by an automatic figure which motions away each escaped minute by a polite flourish with its hat. The movement also has a chime of 32 bells. The clock is actuated by a weight of twenty-five pounds, and the chime of bells by one of fourteen pounds. The latter is also regulated by a fairly large windfly. The movement has a free escapement without balance wheel and has no case; each wheel is visible. The whole clock weighs 248 pounds, and its price is

Attacking a Wildeat,

How savage and wanton a wildcat may be is shown by an experience with a miner in Josephine County, Oregon, had last summer, and which is reported in a local newspaper. The miner, whose name is George Fendall, has a time to see a monster wildcat entering the but, evidently bent on rapine.

The cat sneaked in, peered round, and not finding a man, pounced with great flerceness on an overcoat which hung on a nail. Whether the animal had some notion that a man was within the coat, or attacked it because he knew there was not a man in it, no one will ever know; but he certainly bit and tore it with fury, and being of great size, while the hut was small, presented a most formidable picture to the man cronching at the door.

Fendall, however, was far from being awed by the animal. He proposed to avenge the insult to his wearing apparel. Watching his opportunity, he picked up a long and heavy iron bolt and attacked the wildcat from behind. One well-directed blow laid the monster out, stunned; and before he could rally, Fendall had finished him with an ax.

This was a bold feat, for if the first blow had falled to stun the animal, rengall would have stood, with the bolt as his only weapon, but a very poor chance of escaping serious injury.

Queen of Servia's Jewels.

The Queen of Servia, who spent the summer at Biarritz, was so unfortunate as to lose some more jewels. It will be remembered that she lost a diamond ring last year. This time it was a parure of diamonds. A few days later an advertisement appeared in the local papers to the effect that if the jewelry were returned to the Queen she would present it to the poor of Biarritz. Two days afterward she received her lost or stolen diamonds by post, accompanied by a sheet of coarse paper, on which was scrawled in printed characters: "I shall be curious to see if a Queen can keep her word." The Queen did keep her word, and presented the restored trinkets to the Sisters of Charity, who started a mammoth subscription list, and a poor little seamstress in some way became the fortunate possessor of the jewels.

Burgiary at a Prison.

Burglars broke into Holloway prison, England, recently, ate up the remains of the Governor's supper, emptied his larder, drank his beer, leaving the tap running, and carried off such of his household effects as they cared for. The burglary was not discovered till the women servants arose in the morning.

Whither Are We Drifting?

It is a curious fact that water is selling at five cents a pint in Arkansas, and yet a Southern brewery had to make an assignment.-Louisville Courier-Journal.

A banana peel on the sidewalk is a nulsance, and the man who steps on it usually tumbles to the fact.

THE FULLNESS THEREOF.

Among the discomforts of life and the fullness thereof, reaching to every family, second or two, struck the trail and there is that which can so easily mitigate or entirely cure, the wonder is why we endure and her dead young. Fortunately I and suffer so much. From big pains to had a witness in the person of my ice man, who was delivering ice at the time, and who was dumfounded at beholding such high intelligence in a creature so low in the scale of animal life. I killed the old snake (for these snakes—garden moccasins—become harmful after the third year, eating young birds, etc.), and ten of her progeny, leaving two pairs to carry on and perpetuate the race.

A VERY QUEER CLOCK.

| Comparison of my ice man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and best, and ways remedies good, better and tear of the physical structure of man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and tear of the physical structure of man, there are always remedies good, better and best, and ways remedies good, better and tear of the physical structure of man, there are always remedies good, better and best, always remedies good, better and best. The choice should always be for the best as the surest and the cheapest. In chronic or acute suffering with rheumatism, neuralgia, sciatica or lumbago, or with the minor aliments of sprains and bruises, or of soreness and stiffness, the efficacy of St. Jacobs Oil and the fullness thereof in so many complete and perfect cures make it stand out as the best remedy for pain. Why then should we stand on the order of going for it and not go at once? In numberless cases the surest and the cheapest. In chronic or acute suffering with rheumatism, neuralgia, sciatica or lumbago, or with the minor aliments of sprains and bruises, or of soreness and stiffness, the efficacy of St. Jacobs Oil and the fullness thereof in so many complete and perfect cures make it stand out as the best little aches, which are the wear and tear of

Poe has immortalized the raven, Whittier the robin and Longfellow the snow bird that sung to the monk Felix,

THE CUBAN SCARE.

Although the diplomatic entanglement with Spain over Cuba is to some extent influencing the stock market. Wall street expects no serious complication. Nevertheless serious complication with other maindies may be expected to follow an attack of billousness which is not checked at the outset. The most effectual means to this end is Hostetter's Stomach Bitters, an admirable remedy, moreover, for dyspepsia, maivria, kidney trouble, constipation and nervousness.

Among the natives of Mexico there are, according to Lumboltz, about 150,-000 survivors of the Aztec race.

AN OPEN LETTER TO MOTHERS.

We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "FITCHER'S CASTORIA," as our Trade Mark. I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac simile signature of CHAS, H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years Look Carefully at the wrapper and see that it is the kind you have always bought, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President.

March 8, 1897. SAMUEL PITCHER, M.D.

I know that my life was saved by Piso's Cure for Consumption.—John A. Miller, Au Sable, Michigan, April 21, 1895.

STATE OF ORIO, CITY OF TOLEDO, | 88.

STATE OF OHIO, CITY OF TOLEDO,

LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that the said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CUER.

FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

A. W. GLEASON,

Notary Public.

Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free. F.J. CHENEY & CO., Toledo, O.

Sold by druggists, 75c. Hall's Family Pills are the best.

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A Boston genius has invented a fire machine that will squirt out fires with sand instead of water.

BEWARE OF MORPHINE.

Special forms of suffering lead many woman to sequire the morphine camp on Beaver Creek, and one even- habit. One of these forms of suffering ing he happened to return to it just in is a dull, parsistent pain in the side, accompanied by heat and throbbing. MRS. LUCY PEASLEY, Derby Center, Vt.,

says:-"I was very miserable; was so weak that I could feeling tired out. "My monthly periods had stopped and I was

hardly get around the house, could do Inothing without so tired and nerv.

ous all of

the time. I was troubled very much with falling of the womb and bearing-down pains. A friend advised me to take Lydia E. Pinkham's Vegetable Compound; I have taken five bottles, and think it is the best medicine I ever used. Now I can work, and feel like myself. I used to be troubled greatly with my head, but I have had no bad headaches or palpitation of the heart, womb trouble or bearing-down pains, since I commenced to take Mrs. Pinkham's medicine. I gladly recommend the Vegetable Compound to every suffering woman. The use of one bottle will prove what it can do." '



To Any Reliable Man.

ERIE MEDICAL CO. 65 NIAGARA ST.

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Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 50 cent bottles by all leading druggists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Do not accept any substitute.

CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL. LOUISVILLE, KV. NEW YORK. M.Y.

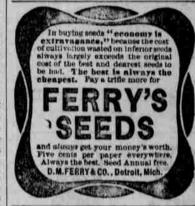
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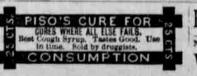
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