

WIDOW GOT THE VERDICT.

The Effect of Too Closely Cross-Examining an Irish Witness.

"Never cross-question an Irishman from the old sod," advises one of the foremost railroad attorneys of the age. "Even if he does not think of an answer he will stumble into some bull that will demoralize the court and jury, and whenever a witness tickles a jury his testimony gains vastly in its influence."

"Yes, I'm speaking from experience. The only witness who ever made me throw up my hands and leave the courtroom was a green Irishman. A section hand been killed by an express train and his widow was suing for damages. I had a good case, but made the mistake of trying to turn the main witness inside out."

"In his quaint way he had given a graphic description of the fatality, occasionally shedding tears and calling on the saints. Among other things he swore positively that the locomotive whistle was not sounded until after the whole train had passed over his departed friend. Then I thought I had him."

"See here, McGinnis," said I, "you admit that the whistle blew?"

"'Yis, sor; it blewed, sor."

"Now if that whistle sounded in time to give Michael warning the fact would be in favor of the company, wouldn't it?"

"'Yis, sor, and Mike would be tist-tyin' here this day.' The jury giggled. "Never mind that. You were Mike's friend, and you would like to help his widow out, but just tell me now what earthly purpose there could be for the engineers to blow that whistle after Mike had been struck."

"I presume that the whistle were for the next man on the track, sor."

"I left and the widow got all she asked."—Detroit Free Press.



Artificial Calf-Feeder.

What an awful disappointment it must be to a calf to wake up some morning and find its mother missing and no warm breakfast waiting, and how disgusted it must feel when the farmer comes in a little later with a pail of skimmed milk, straddles the calf's neck, inserts his finger in its mouth and tries to convince it that drinking is the proper method of feeding from that time on. Happy would be that calf if the farmer would provide it with the feeding arrangement here shown, and happy would the farmer be if he did not have to waste his time in teaching the calf to drink. The calf seems to get along fairly well until the farmer undertakes to withdraw his finger and make the calf go it alone, but then rebellion rises and an upset pail is the result in some cases. Once introduced the calf to this device and he may bunt to his heart's content without upsetting the milk. The arrangement consists of a reservoir, suspended from the wall, with a tube leading to a block underneath, on which is mounted a rubber nipple. As the nipple is screwed on the block it



THE HAPPY CALF AND ITS FEEDER.

may be removed as soon as the feeding is finished, or the entire feeder can be taken down if desired. Henry B. Smith, of Chateaugay, N. Y., is the inventor.

Farm Separators.

Butter makers kick on farm separators, says the Northwest Farmer. Some of the butter makers are making a lively kick against the introduction of the farm separator. They might as well kick against a stone wall, for kicking will not stop its coming. There is only one thing that will check its rapid introduction, and that is better skim milk from the creamery. Farmers are getting more and more determined to raise good calves, and they propose to do this with separator skim milk. If the butter makers don't clean up their pumps, pipes and tanks and give the skim milk a thorough pasteurizing the farmer is certain to lend an attentive ear to the farm separator agent, a separator will be installed on trial, and you can count on its staying. It will then be too late to protest, for after a farmer pays \$100 for a separator he is quite apt to find a factory that will take his cream. Dairy men of experience have found that the best of calves can be raised on good separator milk, and every intelligent butter maker knows how to return it in good condition.

Lawn Grass.

While most of the seed stores sell special lawn-grass mixtures, which, perhaps, contain a half-dozen or more varieties of grass seed, we doubt if any of them will give better results than to mix one bushel of Kentucky bluegrass, a half bushel of clean redtop, or a bushel in the chaff, one peck of sweet vernal and one pound of white clover, the above being amount for one acre. The bluegrass is earlier than the redtop, and the redtop resists summer heat better, while the fragrant, sweet vernal is good both early and late. Have the ground thoroughly pulverized and made rich with about six hundred pounds lawn dressing per acre, which has more nitrogen and potash than the usual superphosphates, and sow in spring as early as the ground can be well worked, or sow in August. We prefer the artificial fertilizer to the barnyard manure for lawn, as being free from weed seeds. The above mixture is also a good one for permanent pasture.—New England Farmer.

Linseed Oil Cake.

It is an English tradition that something like a century ago a farmer used the refuse from a lapsed or flaxseed oil mill to manure a field, and then turned sheep on it. Going there a while afterward he found that the sheep had eaten the grass and the manure as well, and had made a better growth than those in other fields. This is said to have been the beginning of feeding linseed cake to sheep. Possibly it is true, for some of our most beneficial discoveries have been made in ways as accidental or providential as this.—Exchange.

Strong Constitutions.

Many animals lack in constitutional vigor, simply because their parents have been allowed to get too fat, and have not had enough exercise to keep their muscles firm and the digestive organs active, while others have failed because of the feeder having gone to the opposite extreme, failed to feed enough, and in giving exercise have ex-

posed them to cold and hard usage. The box stall or pen is better for the breeding animal than closer confinement, and as much good food as they will eat better than a scanty ration, but it should not be what is called carbonaceous or heating and fattening food, but such as to produce muscle and growth of frame. Out-of-door exercise is needed, but that does not mean standing still in a cold wind or storm until chilled through, or being turned out to drink ice water to chill the internal organs and the unborn offspring.—Massachusetts Ploughman.

Early Pasture.

The first grass in spring is watery and has very little nutrition in it, partly because it is usually to be found on the low lands, where the better grade of grasses do not grow. Yet we used to like to get cattle and sheep into it as soon as it was large enough to give them a fair bite, as such grass is poor at the best, and almost worthless after it gets tough and harsh. But we never depended much upon it as food for them, excepting for its succulent qualities. We fed as much hay and grain the morning before we let them into pasture as if they were to remain in the yard. Then we took them in early, and at night they were fed at the barn again. The green grass loosened the bowels, and perhaps we had a little more milk, or a little thriftier growth, but it made the change from hay to pasture more gradual, and they seemed to relish it, especially if the roots were all gone, as they usually were likely to be at that season. That was before the days of the silo, and if we had one well filled we might think it better now to feed ensilage, and let the bog grass grow to be used as bedding, or to be used as a covering for strawberries or spinach, or as a mulch for some other crops.—American Cultivator.

Killing Brush.

We see much said in our Western exchanges about the value of the Angora goat to destroy brush. If that is their strong point we do not want them. It used to be the fashion to advocate keeping sheep to kill weeds and briars. They will surely do that if kept on them, but we never knew any one to start with sheep with that as his main incentive, who did not come to the conclusion that there was no profit in sheep. If we want good wool and mutton the sheep must have something beside briars to feed upon, and if they choose to take a few briars or weeds as a sort of condiment with the other food, well and good. So we think if Angora goats are kept to kill brush entirely they will furnish but little mutton and a poor flesh. Give us the old plan for killing brush, mow in July, burn in August, and then let sheep pick a few of the tender sprouts if they want them the next spring.—American Cultivator.

What Result to the Soil?

I would not seem to undervalue stable manure, but it is a mistake to suppose that land must grow poor when we cease to feed everything upon the farm. It is not necessary to sacrifice all income for the sake of keeping up the soil. Now that we know more about the composition of the soil, we know that productiveness depends in great degree upon the presence of organic matter in it, and not solely upon stable manure or commercial fertilizers. The ideal condition would be one in which a goodly number of live stock could be kept with profit on nearly every farm, but the cattle feeders of most fertile Eastern valleys must give up a farm scheme that makes fat cattle and wheat the only cash products. The list of cash crops will be made longer, and clover, peas and sods must be freely used to supplement the manure.—Farm and Fireside.

Care of Horses.

Before the horses are put to work very hard in the spring after a winter of comparative idleness their grain rations should be gradually increased, and the work should not be too hard or the days too long at first, and this list is a good rule for man as well as beast, but the man should have sense enough to look out for himself and his team. See that the harness is properly fitted, clean and oiled until it is soft and pliable, that it may not chafe anywhere and thus avoid sore shoulders and saddle galls. A little water at the middle of the half day's work will always be relished and may prevent drinking too much at one time and thus lessen the danger of colic.—American Cultivator.

Stock Farm Fences.

It is very necessary to have good fences for all our stock, and the fence question is a very important one in regard to expense, but it does not make any difference how expensive it is. It is one of the important items in successfully raising young stock. You cannot give them the proper care if they run everywhere, especially in the yard around the house, or, worse still, the neighbor's house or premises. It is very necessary to have your stock just where and when you want it. It is very necessary to have numerous yards and fields so as to separate young and old stock and fattening cattle and the weaker ones from the stronger.—Kansas Farmer.

The Breeding Corn Belt.

Probably the production of corn has been increased in North America by the development of early maturing varieties during the past twenty-five years more than it has increased in all the rest of the world from all other influences. The corn belt has broadened hundreds of miles by this means, and the end is not yet, remarks National Stockman.

Milk Vessels.

Milk vessels should, as far as possible, be made without seams, and all soldered joints be made as smooth as possible.

FROM WASHDAY

From Monday to Saturday—at every turn in the kitchen work—a Wickless Blue Flame Oil Stove will save labor, time and expense—and keep the cook comfortable. No bulky fuel to prepare or carry, no waiting for the fire to come up or die down; a fraction of the expense of the ordinary stove. A

Wickless BLUE FLAME Oil Stove

will boil, bake, broil or fry better than a coal stove. It is safe and cleanly—can not become greasy, can not emit any odor. Made in several sizes, from one burner to five. If your dealer does not have them, write to nearest agency of

STANDARD OIL COMPANY.

TO BAKING DAY

He Needed a Change.



Tramp—What! Ticker again! Madam, ain't you got no best beef?

Magnanimous Infant.

He is the cousin of a chubby 4-year-old whose home is in New York. This little man has also been started up in the way he should go. One day when he visited some relation by the name of Jones. He was not treated just as his highness considered fitting, and he resented it for a time. But when prayer time came he relented enough to frame this petition, which he tackled on to the end of the second prayer:

Diseases that Kill Animals.

The three diseases which kill off the great number of caged animals are rickets, "lumpy jaw" and tuberculosis. They are caused in the main by the wrong food being given, want of sunlight and poor ventilation. An animal in the wild state when it kills its prey first drinks its blood and then devours its organs. The lean meat is eaten last, if at all. But for some reason it has hitherto been the custom in zoological gardens to prepare the food by bleeding the animal and removing all the fat.

ABSOLUTE SECURITY.

Genuine Carter's Little Liver Pills.

Must Bear Signature of *Beutwood*

Very small and as easy to take as sugar.

CARTER'S LITTLE LIVER PILLS.

FOR HEADACHE, FOR DIZZINESS, FOR BILIOUSNESS, FOR TORPID LIVER, FOR CONSTIPATION, FOR SALLOW SKIN, FOR THE COMPLEXION.

Price 25c. Guaranteed Purely Vegetable.

CURE SICK HEADACHE.

There are nearly 1,500 negro college graduates in the United States.

A Williamsburg (N. Y.) burglar played a mean trick on his mother-in-law. He sent her to pawn a package of shoes; some of the spoils of a burglary, and then he tipped the police and the old lady was arrested just as she was leaving the pawnshop.

FITS Permanently cured. No fits or nervousness after that day's use of Dr. Kline's Great Nerve Restorer. 25c. per bottle. 50c. per bottle. 1.00 per bottle. 2.00 per bottle. 4.00 per bottle. 8.00 per bottle. 16.00 per bottle. 32.00 per bottle. 64.00 per bottle. 128.00 per bottle. 256.00 per bottle. 512.00 per bottle. 1024.00 per bottle. 2048.00 per bottle. 4096.00 per bottle. 8192.00 per bottle. 16384.00 per bottle. 32768.00 per bottle. 65536.00 per bottle. 131072.00 per bottle. 262144.00 per bottle. 524288.00 per bottle. 1048576.00 per bottle. 2097152.00 per bottle. 4194304.00 per bottle. 8388608.00 per bottle. 16777216.00 per bottle. 33554432.00 per bottle. 67108864.00 per bottle. 134217728.00 per bottle. 268435456.00 per bottle. 536870912.00 per bottle. 1073741824.00 per bottle. 2147483648.00 per bottle. 4294967296.00 per bottle. 8589934592.00 per bottle. 17179869184.00 per bottle. 34359738368.00 per bottle. 68719476736.00 per bottle. 137438953472.00 per bottle. 274877906944.00 per bottle. 549755813888.00 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