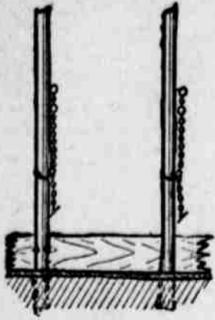


NECESSITY OF PROVIDING SANITARY DAIRY METHODS

Stanchions Formerly Used Do Not Keep Cows Clean, Nor Are They Comfortable—Many Systems Have Been Tried.

(By C. A. COCK.)

The use of sanitary stalls in dairy barns has been especially emphasized recently by the agitation which has resulted in pure food laws and a public sentiment which demands a higher grade of milk and its products. Public discussion has attracted attention to the unsanitary methods of housing



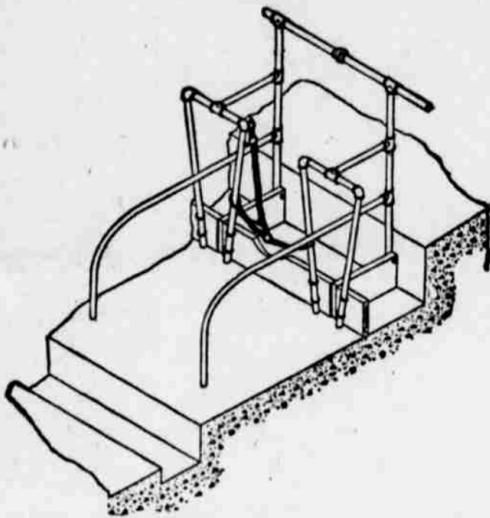
Single Chain Tie.

milk cows and dairymen have been impressed with the need of providing fastenings for their animals, which will be comfortable, sanitary and inexpensive.

Many systems have been tried for fastening cows to secure sanitary milk. Ties, rigid and swinging stanchions, stalls, and the open shed system have been resorted to and are still being used. The method of fastening dairy cows which best meets the demands of the dairy and pure food laws is the stall. The stall must be sanitary to be a success. Stalls are of many different types, but to be sanitary they must be constructed so that the cow will be comfortable and at the same time not be forced to lie down in her own filth. A prominent

when choosing a method of fastening. It is undesirable to place cows in rigid stanchions, since they do not have the freedom of their heads obtainable in a stall. Compelling a cow to lie in a cramped position is not conducive to a gentle disposition. Such a disposition is found in those individuals producing the largest returns for food consumed. A stall which most nearly approaches perfection is one in which the cow is permitted to have the freedom she has when lying in the field or paddock. Just how these devices of torture—the rigid stanchion shown herewith—originated is not generally known, but after years of service they have been discarded. These stanchions hold the neck of the animal in a vise-like grip when closed; especially is this true when the stanchion is too narrow. Such a stanchion not only irritates the neck of the cow but also prevents the free movement of the head from side to side, so that a cow is prevented from throwing her head around in a resting position upon her fore leg when stretched out upon the ground, which is a common habit with this animal. Freedom of movement is very important to the cow and every effort should be made to discourage the use of the rigid stanchion. In order for milk to be sanitary the surroundings of the cows must be clean in every particular, the floors especially. The floors now commonly found are dirt, wood, either block or plank, brick, stone, and in some cases concrete. Dirt, of course, is very undesirable, since it affords an excellent harbor for bacteria, insects and vermin. In order to maintain a sanitary stable such floors must be eliminated.

Concrete is the best and most sanitary floor that can be used in a dairy barn and effort should be made to have such floors installed whenever a barn is being constructed. When stable floors become dangerous, ma-



The New Ideal Stall.

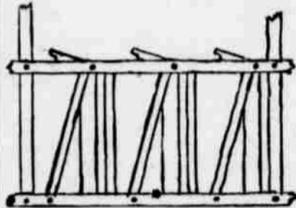
authority gives five things to be accomplished in cow stall construction. (1) It should keep the cow clean. (2) It should make the cow comfortable. (3) It should be convenient for feeding, milking and cleaning. (4) It should be inexpensive. (5) It should hold the cow securely.

Since the earliest days of dairying some method of fastening cows has been resorted to. If not tied with a rope or thong attached to the base of the horns, a rope or chain was placed about the neck and fastened to a post, tree or other stationary object to prevent the cow moving about while being milked.

A familiar tie still in use in a great many barns is the chain tie herewith illustrated. This simple arrangement has many good features. A ring large enough to pass freely up and down on a five-inch post is attached to a chain which is placed about the cow's neck. With the proper construction of manger, platform and gutter this method of tying is even more desirable from a humanitarian standpoint than the rigid stanchion. Although the chain tie is fast becoming obsolete it has filled an important place in the development of the sanitary stall. The cow's health should be considered

making it necessary to replace them, concrete should always be used if the floors rest upon the ground.

Stable floors should be laid with a slope or pitch either to a common center or to one end of the barn. For

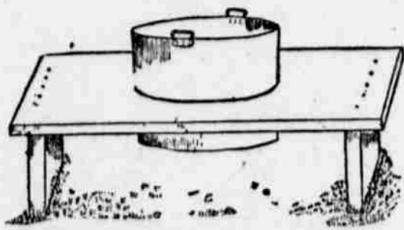


Rigid Stanchions.

floors a slope of one to two inches in eight feet is ample and three-quarter to one inch is usually considered desirable for the average cow stall.

Revenue From National Forests. Under the new law requiring 25 per cent of the gross proceeds from the national forests to be paid over to the states and territories for schools and roads, the amount last year was \$477,000.

FEEDING TROUGH FOR CALVES



This device requires little explanation. The bench is sufficiently low to allow a calf to reach the small pail; the outfit cannot be upset as the supporting legs are sunken some distance in the ground, and the calf gets at the milk easily without any extra at-

tention. The pail is easily removed for washing.—Farm Press.

Handle Potatoes Gently.

Potatoes should be handled as gently as apples, as bruises cause decay.

CURED SIX YEARS.

No Fear of Further Kidney Trouble.

Mrs. Josiah Clinker, State St., Tama, Iowa, says: "My first symptom of kidney trouble was intense pain in my back. This grew worse until I ached in every part of my body. I rested poorly and was so stiff in the morning I found it hard to dress. I became tired easily, lost flesh and was in a bad way. I was well pleased with the quick relief Doan's Kidney Pills gave me. They drove the pains away and restored my kidneys to a normal condition. I have been free from kidney trouble for six years."

Remember the name—Doan's. For sale by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

JUST FOR AN INSTANT.



GEORGE BAKER.

Fecke—Were you ever on an automobile?
Weeks—Yes; once. Were you?
Fecke—I don't know. I was merely on the front dashboard for the fraction of a second, and before I could pick myself up it got away.

AN INTOLERABLE ITCHING

"Just about two years ago, some form of humor appeared on my scalp. The beginning was a slight itching but it grew steadily worse until, when I combed my hair, the scalp became raw and the ends of the comb-teeth would be wet with blood. Most of the time there was an intolerable itching, in a painful, burning way, very much as a bad, raw burn, if deep, will itch and smart when first beginning to heal. Combing my hair was positive torture. My hair was long and tangled terribly because of the blood and scabs. This continued growing worse and over half my hair fell out. I was in despair, really afraid of becoming totally bald.

"Sometimes the pain was so great that, when partially awake, I would scratch the worst places so that my finger-tips would be bloody. I could not sleep well and, after being asleep a short time, that awful stinging pain would commence and then I would wake up nearly wild with the torture. A neighbor said it must be salt rheum. Having used Cuticura Soap merely as a toilet soap before, I now decided to order a set of the Cuticura Remedies—Cuticura Soap, Ointment and Pills. I used them according to directions for perhaps six weeks, then left off, as the disease seemed to be eradicated, but toward spring, eighteen months ago, there was a slight return of the scalp humor. I commenced the Cuticura treatment at once, so had very little trouble. On my scalp I used about one half a cake of Cuticura Soap and half a box of Cuticura Ointment in all. The first time I took six or seven bottles of Cuticura Pills and the last time three bottles—neither an expensive or tedious treatment. Since then I have had no scalp trouble of any kind. Standing up, with my hair unbound, it comes to my knees and had it not been for Cuticura I should doubtless be wholly bald.

"This is a voluntary, unsolicited testimonial and I take pleasure in writing it, hoping my experience may help someone else. Miss Lillian Brown, R. F. D. 1, Liberty, Me., Oct. 29, 1909."

Hence the Name.

In the service of a Baltimore family is an old negro cook known as Aunt Sally, and not the least of her achievement is the preparation of sea food.

In the kitchen one day Aunt Sally's nephew, a nine-year-old lad from a point where crabs are seldom seen, was watching in breathless interest the old lady's deviling of a dish of such crustaceans.

"Aunt," said he, after much reflection upon this mysterious point, "does debbil crabs come from de debbil?"
"No, chile," promptly responded Aunt Sally; "but dey is de debbil to make."

The Preface to Trade.

"I had a curious experience yesterday," said Farmer Cornstossel.
"What was it?"
"A stranger came along and told me a funny story and didn't try to sell me anything."

Lewis' Single Binder straight 5c cigar made to satisfy the smoker.

Lots of women dress as if they were hard of hearing.

WOULD BE OF MORE VALUE

Father O'Leary's Facetious Rejoinder to John Philpot Curran an Example of Real Wit.

One day the famous John Philpot Curran, who was also very partial to the said corned mutton, did me the honor to meet him. To enjoy the society of such men was an intellectual treat. They were great friends and seemed to have a mutual respect for each other's talent, and, as it may easily be imagined, O'Leary versus Curran was no bad match.

One day after dinner Curran said to him: "Reverend father, I wish you were St. Peter."
"And why, counselor, would you wish that I were St. Peter?" asked O'Leary.

"Because, reverend father, in that case," said Curran, "you would have the keys of heaven, and you could let me in."

"By my honor and conscience, counselor," replied the divine, "it would be better for you that I had the keys of the other place, then I could let you out."

Curran enjoyed the joke, which he admitted had a good deal of justice in it.—From Kelly's Reminiscences.

Beware of Ointments for Catarrh that Contain Mercury,

as mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surface. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is ten fold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, Ohio, by F. J. Cheney & Co., Testimonials free. Sold by Druggists. Price, 75c. per bottle. Take Hall's Catarrh Pills for constipation.

Good Arrangement.

A genial looking gentleman wanted an empty bottle in which to mix a solution, and went to a chemist's to purchase one. Selecting one that answered his purpose he asked the shopman how much it would cost. "Well," was the reply, "if you want the empty bottle it will be a penny, but if you want anything in it you can have it for nothing." "Well, that's fair," said the customer; "put in a cork."

An Effort to Oblige.

"Mr. Lowbrow does his best to be agreeable," said the sympathetic young woman. "It's too bad that he has so little tact."

"I understand that Miss Coddleyp refuses to speak to him. He sent her a box of candy and she fed it all to her pet terrier. So he tried to be still more kind and thoughtful and sent her a box of dog biscuit."

It Cured My Baby—Hereafter I Will Always Keep It in the House.

I cannot speak too highly for Resinol Ointment. It cured my baby boy of Eczema. He had a very severe case and numerous other remedies failed to do any good. I would not be without Resinol Salve in the house. It is good to apply in cases of burns, cuts or sores of any kind.
Mrs. F. Cox, Chicago, Ill.

A Realist on Hope.

William Dean Howells, discussing realism at one of his Sunday afternoons in New York, let fall a neat epigram on hope.
"Hope," said the famous novelist, "is not, really, an angel in a diaphanous robe of white, but only the wisp of hay held before a donkey's nose to make him go."

ED GEERS, "The grand old man," he is called for he is so honest handling horses in races. He says: "I have used SPOIN'S DISTEMPER CURE for 12 years, always with best success. It is the only remedy I know to cure all forms of distemper and prevent horses in same stable having the disease." 50c and \$1 a bottle. All druggists, or manufacturers, Spohn Medical Co., Chemists, Goshen, Ind.

Too Free.

Seymour—What caused the Allcome Life Insurance company to fail?
Ashley—It was altogether too free in accepting risks. I don't believe it would have even refused to insure the life of a turkey the day before Thanksgiving.

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Chas. H. Littleton* In Use For Over 30 Years. The Kind You Have Always Bought.

The Regular Fare.

"What makes you think that young man will be a success in society?"
"The fact that he has such an extraordinary appetite for tea and salads."

What Murine Eye Remedy Does to the Eyes is to Refresh, Cleanse, Strengthen and Stimulate Healthful Circulation, Promoting Normal Conditions. Try Murine in your Eyes.

Cheap.

Howell—Every man has his price.
Powell—Well, I wouldn't have to borrow money to pay yours.

Sore throat leads to Tonsillitis, Quinsy and Diphtheria. Hamlin's Wizard Oil used as a gargle upon the first symptoms of a sore throat will invariably prevent all three of these dread diseases.

Silence may give consent or it may give offense.

LOOKING FOR TROUBLE.



"No, I don't think Reggy will ever learn to run his auto."

"Why not?"
"He's always trying to roll a cigarette and guide the machine at the same time."

He Was a Boston Boy.

"Your little boy must be very intelligent," said a visitor to a Boston school teacher whose five-year-old son was forming Greek words with building blocks.

"Intelligent!" exclaimed the proud parent. "He is phenomenally gifted. As an example of his early erudition, what do you suppose were the first words he ever spoke?"
"Papa and 'mamma'?"

"Stuff and nonsense!" ejaculated the father, in a tone of disgust. "Why, the day he was 12 months old he suddenly laid down his algebra and said to me: 'Father, the longer I live the more indubitable proofs I perceive that there is in Boston as much culture to the square inch as there ever was in the ambient area of ancient Athens!'"

Reporter in Luck.

City Editor (hurriedly)—Anything new about that suicide in the St. Fashion hotel?

Reporter—Not much. The man was a stranger, about my size. Shot himself with a 32-caliber revolver. Had on a dress suit at the time. The body had been taken to the morgue.

City Editor—Bout your size. That's lucky. I want you to report a big society wedding in an hour. Rush around to the morgue and ask the keeper to lend you that dress suit.

A Terrified Hero.

"Did you have any narrow escapes in the surf last summer?"
"Yes," replied the life-saver. "One lady whom I rescued was so grateful that she nearly married me."

For almost everybody, the course of life is fixed by inexorable necessities. Not one in a thousand is free to choose the life he would care for.—Dickinson.

THOUGHT SHE HAD PRACTICED

Frenchman's Suspicious Really Something of a Compliment to the Men of America.

Claude Grahame White, the English aviator, praised, at a dinner in New York, the good fellowship of Americans.

"The American woman is regarded abroad as an angel," he said. "The man is admittedly a good fellow, but an angel he is far from being."

"You've heard of the Frenchman perhaps, whose sweetheart spent the summer in America? After her return the poor Frenchman seemed quite blue."

"What's the matter with you?" a friend asked.

"I am worried," the other muttered, "about my fiancée. You see, since her return from America she kisses so much better than she used to."

Strong Preaching.

The minister's eight-year-old daughter was returning with her parents from church, where the district superintendent had that morning occupied the pulpit.

"Oh, father," asked the little girl, her face alight with enthusiasm, "don't you think Brother C. is a very strong preacher? I do."

"Gratified by this evidence of unusual intelligence on the part of his offspring, the minister eagerly inquired into her reasons for her statement."

"Oh," replied the little miss, artlessly, "didn't you see how the dust rose when he stamped his feet?"—Judge.

An Awful Moment.

The company always included many delightful women, and I remember the consternation caused among them one day by Burnham, the scout. He explained that he attributed his success as a scout to the acuteness of his sense of smell; it was like a blood-hound's.

"There's no one here today," he affirmed, "who at any time anywhere in the future I could not recognize in the dark. Yes, I could tell you, and you, and you," nodding at an alluring group in modish apparel, "by the way you smell."

For an awful moment the conversation flagged.—McClure's.

Pride.

"Chicago has a lot of local pride, hasn't it?"
"Well," replied Mr. Lakemish; "it depends on whether you are talking about baseball or the grain business."

Can You Blame Him?

"Pa, what does 'skeptical' mean?"
"That describes a man's feelings when a woman tells her age."

Women have been known to shake hands for the purpose of trying to shake secrets out of each other.



"Two bottles Cured My Rheumatism"

"I have been a sufferer from rheumatism for about two years, and have used many liniments and patent medicines which gave me no relief. A lady friend of mine told me she had used your Liniment and found relief at once. I got two bottles and they cured me. I think it is the best Liniment a person can have in the house. I shall always keep a bottle in my house as long as I can get it."—Mrs. E. R. WALLACE, Morrisons, Va.

Another Letter.

Mrs. JAMES MCGRAW, of 1216 Mandeville St., New Orleans, La., writes:—
"I take pleasure in writing to you that I had a pain in my arm for five years, and I used

SLOAN'S LINIMENT

for one week and was completely cured. I recommend your Liniment very highly."

Sloan's Liniment instantly relieves stiffness of the Joints, Sore Throat, Hoarseness, Sprains, Neuralgia, Sciatica and Lumbago. Better and cheaper than porous plasters.

At All Druggists. Price 25c., 50c. and \$1.00
Sloan's Treatise on the Horse sent Free. Address

DR. EARL S. SLOAN, BOSTON, MASS.



MAPLEINE

A FLAVOR that is used the same as lemon or vanilla. By dissolving granulated sugar in water and adding Mapleine, a delicious syrup is made and a syrup better than maple. Mapleine is sold by grocers. Send 2c stamp for sample and recipe book. Crescent Mfg. Co., Seattle.

You Look Prematurely Old

Because of those ugly, grizzly, gray hairs. Use "LA OREOLE" HAIR RESTORER. PRICE, \$1.00, ret.