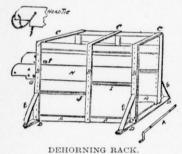


DEHORNING CATTLE.

A Rack Especially Constructed for the Purpose of Securely Holding Mature Cattle.

In the work of dehorning mature cattle, it is essential that they be se curely held. The best plan I know of is by means of a rack, as illustrated, and which I have used with hundreds of head of stock. For its construction, take two scantlings, a a. 2x6 inches by 6 feet. Bore three 1½-inch holes through each piece, one in middle and one at each end. Put in three rounds, each 3 feet long, which makes the main frame. Bolt six upright pieces, b, 2x4 inches and 5 feet high, one at middle, the other two at ends, on each side. Mor-



tise or bolt on three crosspieces, c, at the top of uprights, each 3 feet long, to keep sides from spreading. Then nail on two oak planks, h, 2 feet 10 inches above the main frame floor, 1x12 inches by 71/2 feet; allow 18 inches to extend in front to tie the animal's head to. Then board up the sides nearly solid, except for two slats, the lower one, to put a board, j, 1 foot wide, through, to prevent falling down while dehorning; the slot, i, being used to put a windlass, k, through, to draw the animal to the front of the

Nail two strips on each side to top of uprights, each 1x4 inch and 6 feet long. Then spike on two 2x4-inch pieces 5 feet long, d, across each end of the frame at the ends and on the bottom. Let them extend out 1 foot on each side. Brace them firmly as shown at e. The head of the animal is fastened with a rope through the holes shown at protruding end of board, h. A peg is inserted under the animal's neck at g. The windlass is attached to the rope about the animal's head and the head is drawn down close and tight against the board, h ..- J. M. Tanner, in Farm and

HOW TO PREVENT FLIES.

First Essential Is the Removal of Filth and Trash, Their Natural Breeding Ground.

One of the greatest nuisances about a farm is the pest of flies in the sum-mer and fall. It would be hard to estimate the loss occasioned by them every year about the barns, dairy and feed-lots. No cow can do herself justice where she is forced to keep up a continued battle with a swarm of flies from daylight until dark. Worrying at the flies is more wearing on a team than hard labor. The cause of pastured and fattening stock los-ing flesh in the summer is the flies. As with most evils, the best cure is prevention. To prevent the pest one must remove their breeding-ground, which is the filth and trash about the premises. It is the case on most farms that the manure-heaps are allowed to accumulate during the summer and the yards to go uncleaned. These furnish the best of breedingplaces for the flies. Swill barrels and buckets, too, are never washed out, but are allowed to sour and b incrusted with dirt, another source of flies. In feeding the hogs and calves milk and slop are spilled about the troughs and barrels day after day. The ground thus treated soon becomes a hotbed for the eggs, which will hatch and feed there. Open closets and uncovered drains are another source, as is any place where there is decayed matter or filth for the maggots to thrive upon after natching. Flies are far more of a local pest than most people imagine. A farm-house whose grounds are kept clean and whose back yard is free from refuse, slops, etc., will be little troubled with flies. Stock kept in a clean stable or lot will be less troubled than the animals of the untidy, shift-iss farmer. Cleanliness and flies do ot thrive together .- J. L. Irwin, in

Cow with Queer Appetite.

Occasionally we hear of cattle that develop an abnormal appetite for wood, eating rotten pieces of boards, etc. A contributor to National Stocknan states that at one Crawford county institute a gentleman com-plained that one of his cows had eaten a pig-pen, a string of fence and other lumber on the premises, and he ad been compelled to fence her away om the barn to save it. He has fed er many and various feeding stuffs,

esides bonemeal, sawdust and other side-dishes. With lumber at present prices, the cow has expensive tastes. He wishes to know what produced the appetite, and what will cure it. He thinks he has provided foods that furnish all the mineral elements needed, and the inclination to chew sticks and ards seems now to be only a vicious

MARKED BY PROGRESS.

Office of Public Road Inquiries, Under Direction of Gen. Stone, Has Done Good Work.

The work of the office of public road inquiries, under the direction of Gen. Roy Stone, has been marked during the past year by steady progress along its well-established lines. A great deal of work is accomplished by correspondence and by the gathering and disseminating of important information relating to various phases of the road subject. Many thousand copies of "good roads" literature have been distributed among farmers and other persons interested, and important road conventions have been attended by representatives of the office, and many state legislatures have asked for and received assistance in framing new road legislation. Examples of steel road tracks have been completed in a number of different localities, and these experi-mental sections of steel road clearly demonstrated their usefulness for the western states and for other places which are but sparingly supplied with good stone and gravel. When steel beomes cheap once more, the manufacturers can take the matter up and make a series of special shapes. The object lessons furnished by sample roads have been extensive, and sections have been built in several parts of the country. As a result of the investiga-tions, the office considers that for local needs as well as for our material development and prosperity a well-regulated system of public roads through the whole country is, day by day, becoming more necessary. While we have the most perfect railway system in the world, our public highways are and always have been inferior to those of any other country in the civilized old world. As our public roads are the veins and arteries of our agricultural, commercial and social life, they are not yet receiving the consideration that their great importance deserves. Much has been done in the United States to-ward road building during the last few years, but much more needs to be done. -Scientific American.

STRONG RAIL FENCE.

The Picture Here Given Shows One That Is Convenient and Not Expensive to Put Up.

when a larmer has a lot of old rail fences going to rack he will find the fence shown in the illustration the cheapest one he can build. Set posts six inches closer together than the rails are long; take two pieces of or-dinary fencing-wire, each about six feet long, and place on sides of first two posts, beying wire on second received. posts, having wire on second post on opposite side to wire on first post; fasten these wires to the post at or near the ground. Now place a rail between the wires and posts, drawing wire up tightly over rail and stapling



CONVENIENT RAIL FENCE.

just above rail with long staple, doing same at both ends; put on another rail as before, and continue till top of posts is reached, which completes the first panel. The other panels are made in the same way, taking care not to have both ends of the panel on the same side of posts, but run alternately as started. The illustration shows the way rails are stapled to posts and the manner of running panels. As the rails when put on posts in this way do not touch each other they will last longer than when put on any other way; and I like this method of making use of old rails very well, for by setting posts and using a well, for by setting posts and using a little wire a good fence can be made from a very poor one. Build six to eight rails high. Should a post rot off any time set another near it and fasten and fasten and fasten are hofered. I. G. Allshouse in Farm and Fireside.

WANT GOOD ROADS.

The Farmers of Pennsylvania Are Beginning to Pay Attention to the Cost of Hauling.

The subject of good roads is beginning to occupy the attention of the farmers of Pennsylvania, and promises to become, before long, a prominent factor in state and county elections.

In a recent address at Doylestown Edmund G. Harrison, chief engineer of the United States department of road inquiry, said the average cost of transporting products in the United States over common roads is 25 cents per mile, an aggregate of \$900,000. per line, an aggregate of \$900,000,000. With good roads, such as they have in many parts of New Jersey, Connecticut, New York, Massachusetts and Kentucky, he said, the cost is reduced to eight cents per mile. The average of building good roads is

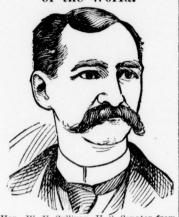
about \$3,000 per mile.

According to these figures, it is much cheaper to maintain good roads than it is to allow the poor ones to remain. Good roads practically effect a

saving of two-thirds in transportation. The residents of cities have learned or ealize the benefits of improved tighways. It is safe to assert that highways. highways. It is safe to assert that Philadelphia would not go back to the old era of cobblestone paving and reeking gutters if they had to sell the public buildings and the ground on which they are situated.—Philadelphia

A SENATOR'S LETTER.

Peruna as a Nerve and Catarrh Tonic the Talk of the World.



Hon. W. V. Sullivan, U. S. Senator from Mississippi.

Hon, W. V. Sullivan, United States Senator From Mississippi, in a letter recently written to Dr. Hartman from Oxford, Miss, says the following:

"For some time I have been a sufferer from catarrh in its most incipient stage, so much so that I became alarmed as to my general health. But, hearing of Peru-na as a good remedy, I gave it a fair trial and soon began to improve. Its effects were distinctly beneficial, removing the annoying symptoms, and was particularly good as a tonic.

symptoms, and was particularly symptoms, tonic.

"I take pleasure in recommending your great national catarrh cure, Peruna, as the best I have ever tried."

Peruna cures catarrh wherever located. Peruna has no substitutes—no rivals. Insist upon having Peruna. Address The Peruna Medicine Co., Columbus, O., for a free book on catarrh.

GAVE SOME POKER ADVICE.

How Comedian Daly "Laid Down" to His Tailor by Telephone.

There probably have been times when Dan Daly was a few cents ahead in a quiet game of draw, but nobody in the alley seems to be able to locate them. His hands never yet have become calloused dragging celluloid buttons across a green cloth. He has got so used to quietly "laying down" that any other turn of affairs, his friends are straid, would bring about heart failure.

The other day his tailor called him up by atelephone, says the Chicago Chronicle.

"Hello," says the tailor.

"Hello," says the telephone girl, soft and mellow. "Number, please."

"Umpteen hundred and 'steen," says the tailor.

"Umpteen hundred and 'steen," says the tailor.
"Well, hello," says Daly.
"Is Mr. Daly there?" asks the tailor.
"Yes. This is he?"
"Oh, is that you, Mr. Daly? I didn't recognize your voice."
"Yes, Yes."
"Keep away there, central! Hello there!
Hello, there! Hello, Mr. Daly!"
"Well, well, what is it?" says Daly.
"This is Mr. Taylor," says the tailor.
"Well, what do you want?"
"Hello! Is that Mr. Daly?" shrieks the

"Hello! Is that Mr. Daly?" shrieks the

tailor. "Yes, yes, yes. What are you trying to

o?"
"I've got two pairs of trousers here—" beins the tailor.
"Speak louder," says Daly.
"I've got—" begins the tailor again.
"You're too near the 'phone," says Daly.
Then the tailor roars:
"I've got two pairs—"
"They're good," says Daly, and he rings ff.

Particular About His Shoes.

A western couple who were on a visit to New York for the first time put up at the Waldorf-Astoria during their stay in this city, and what was left of their first day in New York they largely devoted to viewing the decorations of the hotel. The myrtle room, the Astor gallery and the great ballroom were viewed by them, and the magnificence of the appointments and oppulent decorations left them breathless. They said little, however, in comment, but that awe was one of the feelings that what they had witnessed gave rise to was evidenced by the husband, who, upon retiring for the night, when he was asked by his faithful spouse, if, according to his usual custom, he was not going to put his shoes outside to be blackened, emphatically replied: "Not much. If I did they'd gild them."—N. Y. Tribune. Tribune.

A falling glass in the kitchen usually in-icates a domestic storm.—Chicago Daily

The illiteracy of the people of our new dependencies is particularly shocking, in that an illiterate population requires comparatively few postmasters of the fourth class.—Detroit Journal.

means.—Detroit Journal.

An Atchison girl had been told that to preserve domestic harmony she should never get mad at the same time as her husband, but should wait her turn. She has been married ten years, and finds that in acting upon this advice she hasn't had a turn yet.—Atchison Globe.

Old Gentleman (rigid teetotaler)—"I thought I told you to write to Mr. Brown and tell him I was laid up with rheumanitam?" Factotum—"Yes, sr." Old Gentleman—"Thes what d'you mean by telling him I was laid up with rheuman time?" Factotum—"Well, sir, to tell the truth, sir, it was a more convenient word, sir!"—Punch.

Caller—"Isn's your mother in, Ethel?" Ethel—"No, ma'am. She's down town." Caller — "Shopping?" Ethel — "Oh, no, ma'am. I don't think she had time for that. She said she was just going to run down and get some things she needed."—Philadelphia Press.

"What is your greatest household expense?" asked the first deaf and dumb man.

"What is your greatest household expense?" asked the first dear and dumb man. "Matches," wiggled the fingers of the second. "Matches," came the surprised inquiry from the astonished hand of the first man. "Yes; I talk in my sleep, and my wife always lights a match to see what I am saying."—Baltimore American.

IT MADE A DIFFERENCE.

Many People Cannot Drink coffee at night. It spoils their sleep. You can drink Grain-O when you please and sleep like a top. For Grain-O does not stimulate; it nourishes, cheers and feeds. Yet it looks and tastes like the best coffee. For nervous persons, young people and children Grain-O is the perfect drink. Made from pure grains. Get a package from your grocer to-day. Try it in place of ceffee. 15 and 25c.

She Never Heard of the Bronx River Mrs. Grogin — Pat's got a job in the tube-works up on the Bronx.

Mrs. Dugan—Arrah! Of've aften rid av thim bronchial tubes.—Judge.

Binder Twine at Low Prices. Binder Twine at Low Prices.

If you want a special inside price on binder twine, either Sisal, Standard or Manila, cut this notice out and mail it to Scars, Roebuck & Co. (Binder Twine Department), Chicago, stating about how much twine you will require and how soon you will want it, and they will save you money by quoting you a price that will either secure your order or compel the party who supplies you to sell to you at a lower price than he otherwise would.

Fay—"I accepted Mr. Roxley last night."
May—"Good gracious! Weren't you nervous
about it?" Fay—"No. Why?" May—"Oh,
I would have been. I should think the suspense would be awful while you were waiting for his answer."—Philadelphia Press.

Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Acts gently on the liver and kidneys. Cures sick headache. Price 25 and 50c.

A child sometimes gets on the wrong track because of a misplaced switch. — Chicago Daily News.

Do Your Feet Ache and Burn? Do Your Feet Ache and Burnt Shake into your shoes, Allen's Foot-Ease, a powder for the feet. It makes tight or New Shoes Feel Easy. Cures Corns, Itching, Swollen, Rot, Callous, Smarting, Sore and Sweating Feet. All Druggists and Shoe Stores sell it, 25c. Sample sent FREE. Ad-dress, Allen S. Olmsted, Le Roy, N. Y.

Mrs. Snaggs—"I read to day that a pot of tea exploded in a kitchen, severely scalding the cook." Mr. Snaggs—"It must have been gunpowder." — Pittsburgh Chronicle-Tele-

Coughing Leads to Consumption. Kemp's Balsam will stop the Cough at nec. Go to your druggist to-day and get a ample bottle free. Large bottles 25 and 50 ents. Go at once; delays are dangerous.

An Embryo Organist. "So you are letting your boy take organ

lessons?"
"Yes; he's learning to be an eye and ea specialist."—Philadelphia Bulletin.

Dyspepsia is the bane of the human sys-tem. Protect yourself against its ravages by the use of Beeman's Pepsin Gum.

He Knew.

Papa—Perhaps you don't understand hat pro-Boer is. Palse Telling.

What pro-Boer is.

Johnny—Oh, yes! He's a man that roots for the Boers.—Puck.

Dyeing is as simple as washing when you see Putnam Fadeless Dyes. Sold by all

Bad Times.—"He has always run his business like clockwork." "Yes, and now his creditors have wound it up."—Philadelphia Bulletin.

Piso's Cure is the best medicine we ever used for all affections of the throat and lungs.—Wm. O. Endsley, Vanburen, Ind., Feb. 10, 1900.

LIKE MANY OTHERS

Clara Kopp Wrote for Mrs. Pinkham's Advice and Tells what it did for Her.

"DEAR MRS. PINKHAM: - I have seen so many letters from ladies who were cured by Lydia E. Pinkham's remedies that I thought I would ask your advice

in regard to my condition.

I have been doctoring for four years and have taken different patent medicines. received very little benefit. I am troubled with back-ache, in fact my whole body aches, stomach feels sore, by spells get short of breath and am very nervous. Menstruation is very irregular with severe bearing down pains, cramps and backache. I hope to hear from you at once."— CLARA KOPP, Rockport,

"I think it is my duty to write a letter to you in regard to what Lydia E. Pinkham's Vegetable Compound did for me. I wrote you some time ago, describing my symptoms and asking your advice, which you very kindly gave. I am now healthy and cannot "There is no clew," said the police, and went their way. Next there came a reporter, or commissioner, who examined the exclaimed, at last. "The left sleeve of his overcoat shows signs of having been recently laughed in!" Then he hurried out, and presently the newsboys could be heard crying extra editions of the Evening Convulsion.—Detroit Journal. begin to praise your remedy enough.

Ind., Sept. 27, 1898.

\$100 Reward \$100

IT MADE A DIFFERENCE.

One Instance in Which Society and Dramatic Critics Did Not Agree.

From the Daily Grind, May 8, 1899, related by the Indianapolis Press: "Missy Violet Florida Waters, in the amateur performance by the Histrion club of 'Camille' last night displayed an ability and a maryelous command of stage technique that many a professional might envy. It is safe to predict for this gifted young lady that if she ever choose to adopt the stage as a career he' name will become one of the famous ones in dramatic history."

From the Daily Grind, May 12, 1900: "The Plugalong repertoire company opened at the opera house last night in 'Camille'. Seldom has the dear oid chestnut been so badly done—the worst offender being Violet Florida Waters, who punched holes in the title role and frazzled its edges in a manner that plainly showed her to need years and years of training before she will be fit to be anything better than a back row ornament in an amateur show—let alone scale the proud heights of the dram at ten-twentthirt. Miss Waters is a frost."

Many People Cannot Drink

From the Daily Grind, May 8, 1899, related by the Indianapolis Press: "Missy to the medical fraterinty. Catarrh Cure is the only positive cure is taken internally, acting directly carry on the blood and mucous surfaces of the stage, and that is Catarrh. Cure is the only positive cure is taken internally acting directly catarrh Cure is taken internally. Actarrh Cure is the only positive cure is taken internally actarrh. Cure is the only positive cure folious constitutional disease, requires a constitutional disease, requires a constitutional treatment. Hall's Catarrh. Cure is the only positive cure is taken internally actarrh. Cure is the only positive cure is the only positive cure disease that science has been able to cure is disease that science has been able to cure is t

Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

Punpkin Seed -Alx. Senna + Rochelle Salts -Anise Seed +

Aperfect Remedy for Constipa-Tion, Sour Stomach, Diarrhoea Worms, Convulsions, Feverish

ness and Loss of SLEEP.

Fac Simile Signature of

Chattetite. NEW YORK.

At 6 months old 35 Doses - 35 CENTS

EXACT COPY OF WRAPPER.

Every shop, factory and family should always have

Palmer's Lotion

on hand; for wounds, bruises, stings of insects,

TIRNS,

&c., are sure to happen. See large circular. Lction Soap

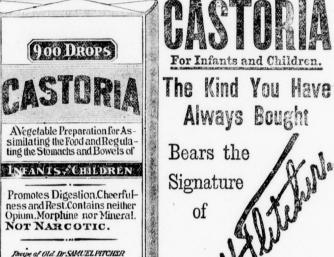
at all times. At Druggists only.

MATISE Van Buren's Rh the only positive cure. Past-perlence speaks for itself. De so. California zwe, Chica

Use Certain Cough Cure. Price, 25 cents.

1816

A. N. K.-C VIMEN WRITERS TO ADVERTISERS please state that you saw the Advertise-ment in this paper.



Use For Over Thirty Years

BICYCLE CATER

send us a postal card and we will send you a bicycle catalogue f 0 Bicycles, 1900 model, at \$7,47; new \$20,00 Bicycles at \$1,47; \$35,00 Bicycles at \$17,57; and a bicycle as good as you can buy at \$22,47. Bicycle repairs and everything in this line in this of for this Bike catalogue.

T. M. ROBERTS' SUPPLY HOUSE, MINNEAPOLIS, MINN.

The man who smokes

Old Virginia Cheroots has a satisfied, "glad I have got it"

expression on his face from the time he lights one. He knows he will not be disappointed. No matter where he buys one—Maine or Texas, Florida or California—he knows they will be just the same as those he gets at home—clean—well made—burn even—taste good—satisfying!

Three hundred million Old Virginia Cheroots smoked this year. Ask your own dealer. Price, 3 for 5 cents.

House Paints 60c to 95c Gallon Swe are offering Fine Top Buggles, Fine Barn Paints 45c to 60c Gallon Garts, Etc., at 40 per cent less than retail. Our Special Vehicle and Harness Catalogue, will, conheavy contract and have not. No better paint made. Sample color card free. [at once and we will mail it free T. M. ROBERTS SUPPLY HOUSE, 717-721 NICOLLET AVE., MIKNEAPOLIS, MINN.

A news ink that IS CHEAP is manufactured by The Queen City Printing Ink Co., Cincinnati, Ohio

Who have had 40 years' experience in making NEWS INK

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CAL, which is THE TEST for the word CHEAP. This is printed with THAT ink.

S INK Makes a Paper LOOK THE PART

NewBinding Twine, 9%c Lb., We received the following telegram cross bond at the placed on sale by us May 25th, and will be sold by us until this tot gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine be sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine at an analysis of the sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine at an analysis of the sold by us until this tot is gone at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine at an analysis of the sold by us until this tot is gone at 9% cents for Standard Minding Twine. Price cenables us to extend the sold by us until this twine was the sold by us until this tot is gone at 9% cents for Standard Minding Twine. Price cenables us to extend the sold by us until this twine at 9% cents for Standard and 11% cents for Manila Mixed. In ordering this twine at an analysis of the sold by us until this twine. AT 11 7-8 CENTS. The only reason that we could nossibly obtain this twine was that a party needed shot cash. We had no expectation of being able to get any twine at think of it a minute, IT IS 1-8 OF A CENT LESS THAN OUR FARMER FRIENDS PAID TO THE PENITEMITIARY PEOPLE A FEW WEEKS AGO.

T. M. ROBERTS' SUPPLY HOUSE, 718-729-721 NICOLLET AVENUE S.: MINNEAPOLIS, MINN.