

NEW USES FOR ALUMINUM.

Valuable Metal in Welding Rail Joints.—Rivalry of Copper. New York Tribune: When aluminum first became cheap it was employed for scarcely anything besides the manufacture of a few household utensils and a class of ornamental and useful articles of which the pocket matchbox is a type. Its most important service is to compete with copper as an electrical conductor.



Feeding Sheep in Troughs.

The design of a sheep trough illustrated this week is one which has been found entirely satisfactory, all things considered. It is some little trouble to make it but its superiority over the average trough is so great that the labor spent in its construction will be well spent.

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best way of keeping this portion of the house clean. If the roasts are located as they should be there will be a dropping board under them which will receive all the droppings so that it is easy to remove them with a hoe.

Growing Apples of Quality.

The advocates of the Ben Davis apple, that superbly colored variety of decidedly poor flavor, claim that for both the home and the foreign market no other variety approaches its. They might have been true several years ago, but is not now.

Winter Care of Horses.

There are few farmers who properly feed their horses during the winter, the main fault being that the grain ration is fed them. It is admitted that it comes hard to feed very heavy when the horses are doing little or nothing, but on the other hand the heavy work which will be required of them when spring opens is overlooked.

Feeding for Protein.

Dairymen who are on a short allowance, in the matter of grain naturally wish to keep down the expense bill and make the most of feeding one grain only. For example a correspondent asks which would give him the best results, corn or wheat bran, when, as a matter of fact he should feed both to get anywhere near a balanced ration.

Don't Forget Green Food.

The reminder to feed liberally of green food during the winter cannot be given too often. On every farm there is sufficient in the way of parings and unsalable whole vegetables to give the fowls a good ration of green food daily.

Ice and Cold Storage House.

While farmers consider ice a luxury that is not for them, a building such as is shown in the cut may be erected at small cost and if the ice can be had for the cutting and drawing it will be found profitable.

essential thing being to have it with an inner wall a foot from the outer wall and this space filled in hard with sawdust, straw, leaves or any similar material.

On this lay the cakes of ice, filling in between them with cracked ice and, if the weather is freezing, pour water over each layer as it is filled in. Divide off a portion of the space for a cold storage room as shown in the lower part of the illustration, and one has a place where fruit, milk and butter may be kept in good condition during the warmest days of summer.

Try an ice house even though it be but a small one and you will be surprised to see how little it will cost and how useful it is.

The total United States trade with Alaska for the fiscal year was: Imports, \$10,228,000; exports, \$9,497,000.

THE OLDEST MAN IN AMERICA

Tells How He Escaped the Terrors of Many Winters by Using Pe-ru-na.

Mr. Brock's Age is 115 Years.



MR. ISAAC BROCK, BORN IN BUNCOMBE CO., N. C., MARCH 1, 1768.

His age is 115 years, vouched for by authentic record. He says: "I attribute my extreme age to the use of Peruna."

Born before the United States was formed. Saw 22 Presidents elected. Pe-ru-na has protected him from all sudden changes. Veteran of four wars. Shot a horse when 99 years old. Always conquered the grip with Pe-ru-na. Witness in a land suit at the age of 110 years. Believes Peruna the greatest remedy of the age for catarrhal diseases.

ISAAC BROCK, a citizen of McLennan County, Texas, has lived for 115 years. For many years he resided at Rosque Falls, eighteen miles west of Waco, but now lives with his son-in-law at Valley Mills, Texas.

The Three Hundred. New York Sun: Leonidas was holding the pass. "If we were only the Four Hundred instead of the Three Hundred," he wailed, "they could never break through."

If you are thinking of investing in a farm or of changing your location, call on us or write and we will have your agent see you. M. MARCUS P. BEEBE, IPSWICH, EDMUNDS CO., S. D.

A Sure Sign. Holiday Town Topics: "Santa Claus must belong to the smart set, mamma." "Why?" "Well, I notice he doesn't pay much attention to the homes of the poor."

The U. S. Dept. of Agriculture. Gives to Salzer's Oats its heartiest endorsement. Salzer's New National Oats yielded in 1903 from 150 to 300 bu. per acre in 30 different States.

Per Acre. Salzer's Beardless Barley yielded 121 bu. Salzer's Home Builder Corn... 390 bu. Stutz and Macaroni Wheat... 80 bu. Salzer's Victoria Rape... 60,000 lbs. Salzer's Teosinte, the quick growing fodder wonder... 100,000 lbs. Salzer's Billion Dollar Grass... 50,000 lbs. Salzer's Pedigree Potatoes... 1,000 bu.

SEND 10c IN STAMPS and this notice to the John A. Salzer Seed Co., La Crosse, Wis., and you will get their big catalogue and lots of farm seed samples free. (C. N. U.)

Spelling Reform. Brooklyn Eagle: Filibusters are bad. Highwaymen are detestable. But spelling reformers, like pirates, can well be called the enemies of mankind.

FARMS IN EDMUNDS COUNTY, SOUTH DAKOTA, FOR SALE on long time payments. Interest 6 per cent. No cash required from settlers who will improve the land. Your terms are mine. The Chicago, Milwaukee and St. Paul R. R. brings you here.

There are 1,083,473 Odd Fellows in the United States and Canada, 911,221 Free Masons, and 928,035 of the Ancient Order of Foresters.

Sale Ten Million Boxes a Year. THE FAMILY'S FAVORITE MEDICINE. Carcarets CANDY CATHARTIC THEY WORK WHILE YOU SLEEP BEST FOR THE BOWELS. Price: 10c, 25c, 50c.

This centenarian is an ardent friend of Peruna, having used it many years. In speaking of his good health and extreme old age, Mr. Brock says: "After a man has lived in the world as long as I have, he ought to have found out a great many things by experience. I think I have done so."

"One of the things I have found out to my entire satisfaction is the proper thing for ailments that are due directly to the effects of the climate. For 115 years I have withstood the changeable climate of the United States."

"I have always been a very healthy man, but of course subject to the little affections which are due to sudden changes in the climate and temperature. During my long life I have known a great many remedies for coughs, colds and diarrhoea."

"As for Dr. Hartman's remedy, Peruna, I have found it to be the best, if not the only, reliable remedy for these affections. It has been my standby for many years, and I attribute my good health and extreme old age to this remedy."

"It exactly meets all my requirements. It protects me from the evil effects of sudden changes; it keeps me in good appetite; it gives me strength; it keeps my blood in good circulation. I have come to rely upon it almost entirely for the many little things for which I need medicine."

"When epidemics of the grippe first began to make their appearance in this country I was a sufferer from this disease."

"I had several long sieges with the grip. At first I did not know that Peruna was a remedy for this disease. When I heard that the grippe was epidemic catarrh, I tried Peruna for the grippe and found it to be just the thing."

In a later letter dated January 31, 1903, Mr. Brock writes: "I am well and feeling as well as I have for years. The only thing that bothers me is my sight. If I could see better I could walk all over the farm and it would do me good. I would not be without Peruna."

For a free book on catarrh, address The Peruna Medicine Co., Columbus, O. If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis. Address: Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

WINCHESTER REPEATING RIFLES. No matter what your preferences are about a rifle, some one of the eight different Winchester models will suit you. Winchester Rifles are made in calibers suitable for shooting any game, from rabbits to grizzly bears, and in many styles and weights.

For Rheumatism Lumbago Frost Bites use Mexican Mustang Liniment Best Remedy for Piles.

WITH NERVES UNSTRUNG AND HEADS THAT ACHE WISE WOMEN BROMO-SULTZER TAKE TRIAL BOTTLE 10 CENTS.

Ripans Tablets are the best dyspepsia medicine ever made. A hundred millions of them have been sold in the United States in a single year. Cures heartburn, sick headache, flatulency, bad breath, sore throat, and every other illness arising from a disordered stomach.

The Greatest Living Historian. The Loungeer, in January Critic: John Morley is said to have received \$50,000 for his "Life of Gladstone." When one takes Mr. Morley's name into consideration, and the amount of work he has put into this "Life," the pay is not high.

A fellow in good old Terre Haute went out at election to vote; When his party went out He gave a great shout And came home as full as a gaute.

Three Years After. Eugene E. Lario, of 751 Twentieth avenue, ticket seller in the Union Station, Denver, Colo., says: "You are at liberty to repeat what I first stated through our Denver papers about Doan's Kidney Pills in the summer of 1899, for I have had no reason in the interim to change my opinion of the remedy. I was subject to severe attacks of backache, always aggravated if I sat long at a desk. Doan's Kidney Pills absolutely stopped my backache. I have never had a pain or a twinge since."

Foster-Milburn Co., Buffalo, N. Y. For sale by all druggists, price 50 cents per box.

A Compromise. Chicago Post: "I hate to see a big woman and a little man mated." "So do I." "A man ought to be taller than the girl he marries." "Or else he ought to have a lot of money."

Mother Gray's Sweet Powders for Children. Successfully used by Mother Gray, nurse in the Children's Home in New York, cure Constipation, Feverishness, Bad Stomach, Teething Disorders, move and regulate the Bowels and Destroy Worms. Over 30,000 testimonials. At All Druggists, 25c. Sample FREE. Address A. S. Olmsted, LeRoy, N. Y.

Maine's log cabin at the world's fair will be built in the Maine pines. It will then be taken down, the timbers carefully marked, and the material shipped to St. Louis, where it will be reconstructed.

CASTORIA For Infants and Children. The Kind You Have Always Bought. Bears the Signature of J. C. Ayer & Co.

Prepositions. Puck: Corby—hear Carr spends a deal of time in his automobile? Miss Ryder—You've been misinformed; not in it, but under it, and with a monkey wrench.

Teosinte and Billion Dollar Grass. The two greatest fodder plants on earth, one good for 14 tons hay and the other 80 tons green fodder per acre. Grows everywhere so does Victoria Rape, yielding 60,000 lbs. sheep and swine food per acre.

Red uniforms present the best marks for the enemy's shot; rifle green comes next, brown third, while Austrian bluish-gray is found to be the least fatal.