Everybody's Air-Brake. "Yes, sah," said Uncle Zach, "I'se watched it forty years an' its as I sez: De fust of May an' Christmas day of de same year allers comes on de same week

Further conversation proved Uncle Zach a most incredulous person. Chancing to mention Dr. Carver's feat of breaking glass balls with a rifle, he

"I heard 'bout dat shootin' and knowed right off it wasn't squar'; dat was a Yankee trick, boss', sho's your

born.' "What was the trick?"

"Dar wuz loadstone put into de glass balls, an' likewise onto de bullets; so when de bullet fly outen de gun, it an' de ball jesd drawed tergeder, which, in course, brokes de glass-dats de trick!" Later, Uncle Zach observed a rope running along the side of the car.

Boss, what's dat line fur?" "To apply the air-brake in case of ac-Then we had further to explain how the force of the brake was obtained, to which Uncle Zach re-

"Look a here boss, you sholy don't 'spect me to b'leeve dat foolishness? Why, de biggest harricane whatever blowed couldn't stop dis train, runnin' forty mile a hour, An' you think I gwine to b'leeve a little pipe full of wind under de kyars can do it? No, sah-ree!"

There are a great many Uncle Zachs who judge everything sim ply y appearances. The air-brake does not seem to be a very powerful thing, but power and efficiency are not necessarily equivalent to igness and pretense.

Phillip Beers. Esq., who resides at the United States Hotel, New York city, and is engaged in raising subscriptions for the New York World Bartholdi pedestal fund, was once upbraided by a distinguished relative who was a physician, for commending in such enthus iastic terms, a remedy that cured him of Bright's disease eight years ago. He said: "Sir, has the medical profession with all its power and experience of thousands of years, anything that can cure this terrible disorder?" No, no, that is true, there is no mistake about it but that Warner's safe cure is really a wonderfully effective preparation. That remedy is an "air-brake" that every man can apply and this fact explains why it has saved so many hundreds of thousands of lives, - Copyrighted. Used by permission of American Rural Home.

Why Prairies are Treeless .- Mr. Thomas Mechan believes that we have nearly reached the solution of the cause of the absence of trees from the prairies. It is not climatic, for timber belts flourish in all the prairie regions. It is not in conditions of soil, for the prairie is the most favorable to the germination of seeds, of tree as well as other plants. and artificial plantations are remarkably successful wherever they are made. The real cause is probably to be found in the annual fires which have swept The seeds of the annual plants of the prairie vegetation, maturing every year are shed and find protection before the pulp, or papier mache, is employed for fires come; the young trees, on the of preventing the growth of trees and preserving the buffalo pastures. The question remains how prairies first came that were left after the retreat of the glaciers, and continued wet after the highlands were covered with trees. Man followed the glaciers so closely that he anticipated the trees on these them began before the trees had gained

Eleven stars have been selected for observation at Lisbon and Washington, to determine whether those places are changing in latitude. Each star will be observed fifteen or twenty times yearly, with the greatest possible accuracy in recording its position. Observations at Pulkowa have indicated a diminution of about twenty-three feet in latitude between 1843 and 1872, and greater changes have been shown at due to errors of observation.

Fretiminary trials with an apparatus specially constructed for photographing Observitory during the past year. The gallon of naphtha or spirits, the stars have been made at the Paris results have been so satisfactory that Admiral Mourchez now declares the problem of making charts to the heava half or more is necessary.

On a clear night about 3,000 stars are visible to the naked eye. A like number in the opposite hemisphere makes a total of about 6,000 that can be seen without a glass. These are divided according to their apparent brightness, into six classes, twenty ranking as first magnitude stars, sixty-five as second magnitude, 200 as third, 450 as fourth, 1,100 as fifth, and about 4,000 as sixth. The elescopic stars, unseen by the unaided eye on account of their remoteness, are classified as high as the fourteenth magnitude, and their number is vastly greater, being reckoned as high as 20,000,000.

The possibility of obtaining echoes from icebergs or vessels at sea, even at considerable distance, has been demonstrated by Prof. Bell, of telephone fame. He suggests that shots fired periodically from the bows of befogged vessels may reveal the presence of obstacles ahead in season to avert an accident.

HOUSEHOLD.

HANGING PIN CUSHIONS,-Very elegant pin cushions for hanging up at the side of of a looking glass are made just now in the shape of a slipper. They are made in three pieces. First, a piece of cardboard must be cut in the orm of the sole of a shoe about six inches long, and then the toe-which in those we saw made in two pieces. may be contrived in one piece il preferred. These three pieces of cardboard must be first covered with satin and a small spray embroidered on each of them, at the heel end of the shoe and in the middle of the shoe and in the middle of the other pieces." The not hear common conversation. I sufback of the sole should be neatly hned. When the three pieces are all covered I procured a bottle of Ely's and sewn together, a little pin cushion covered with the same satin and stuffed well as I ever could, and now I can with bran must be tightly wedged in the toe of the shoe. When this is all done a cord should be run along to hide the stitches made by joining the pieces, not forgetting the edge of the sole, and a twist of three loops made at the heel to hang it up by.

PEACH SHORT-CAKE. - Take one quart of sifted flour, adding two teaspoonfuls of baking powder. Now rub into the flour two ounces of good butter. Wet the flour with enough milk to form a soft dough, adding first to the buttermilk a teaspoonful of soda and dissolving it. Mix the whole lightly and make into a cake about nine or ten inches in diameter and thick enough to allow it to be split. As soon as thus prepared bake immediately on a griddle, and while still warm split it open, spread both halves over liberally with the best of butter, and over the lower half put a thick layer of ripe peaches, pared and rather thinly cut. Sprinkle the peaches thickly with pulverized sugar and cover them with the other half of the cake; dust the top with fine white sugar, and while the whole is still quite warm smother it with rich cream, and-well, we presume our readers know what to do

THE ANCIENT FEATHER-BED. -- Will the day ever come when the ancient featherbeds of our grandmothers will be utterly banished from our homes, when permanent and perfect cures of chronic it will be counted no prize for the little cases. Invalids, do not suffer longer, grand-daughter to have handed down but purchase a bottle of the Bitters and to her "grandma's best feather bed," Judge for yourselves. and all its belongings. I know a house that holds a baker's dozen of these valuable relics of the dark ages, and 1 am confident that some of these geese from whose breasts those feathers were plucked quacked at the close of the last century. It is a most remarkable house for funerals. A thousand times healthier and sweeter is a good straw bed, which you can change often and wash clean every spring. A comforta-ble mattress over it is luxurious enough for a king.

PAPER SLIPPERS .- Paper slippers are er the prairies from time immemorial, the latest form in which paper is introkilling the young trees before they can | dued in new inventions, An Englisman grow large enough to resist the heat, has patented a system of manufacturing slippers, sandals and other coverings for the feet out of paper. Paper the upper, which is molded to the other hand, bear no seed and can leave desired form and size, and a sole is prono resources for a succession after they are burned. The theory is supported leather board or other suitable paper by the fact that an abundant growth of material, which is united to the other trees had set in wherever the fires have by means of cement, glue or other been stopped. The fires were made by adhesive material. The upper is creasthe aboriginies for centuries before the ed, embossed or perforated at the inwhite man came, possibly for the express purpose, Mr. Meehan suggests, somewhat pliable, and prevents them cracking while in use.

GRAHAM MUSH -Stir slowly into very to be naked. They probably formed the bottom of the lakes and marshes to make a thin pudding, The flour fast-boiling water enough graham flour should be sprinkled evenly from the hand, and the water should boil violently all the time, so the flour will be scaided immediately. Five minutes will be sufficient to cook it. Sait to spots, and having learned already in southern latitudes the virtue of burning round-bottomed fron kettle—is best to cook it in. A great deal depends on the manner of cooking, as from the same material a delicious dish may be cream and sugar.

simplest and perhaps the best is the solution of shellaconly; but many add gum sandarach, mastic, copal and arabic, the last is not required if the sol- Ely Bros., Owego, N. Y. vent be pure, b cause insoluble in rectified spirits or rectified wood naphmeans certain that these results are not that Good solutions are: (1) Shellac, one and a half pounds; naphtha or spirits, one gallon; dissolve, it is ready without filtering; (2) shellac, twelve ounces; copal, three ounces (or an equivalent of varnish); dissolve in one

TEA BISCUTTS .- One quart of sifted flour, one and a half cups of sour or ens, including all stars down to the buttermilk, half teaspoon of salt, one teaspoon of soda dissolved in the milk; fifteenth magnitude, to be solved. teaspoon of soda dissolved in the milk; Photographic impressions of the stars mix well; then roll and bear with the visible to the naked eye are taken with rolling pin till the dough is full of blus-a minimum exposure of one hundredth ters and cracks loudly; roll out and cut to one half of a second, while for the with a biscuit cutter, grease the top faintest stars-those of the fifteenth with butter, fold one-half over the and sixteenth magnitudes -- an hour and other; lay on the baking tin, so that the biscuit will not touch. Dip the fingers in milk and rub the top of each, to glaze them; bake in a quick

CHANBERRY PUDDING. - Cranberry pudding is made by pouring boiling water on 1 pint of dried bread crumbs, melt tablespoonful of butter and stir in, When the bread is softened add 2 eggs and beat thoroughly with the bread, Then put in one pint of stewed fruit and sweeten to your taste. Bake in a hot oven for half an hour.

PICKLED PEARS, -Pare and halve the fruit; take seven pounds of the fruit, three pounds of sugar, one quart of vinegar, one ounce of whole cloves, one ounce of stick cinnamon; put all together and boil slowly for a short time. This recipe is good for either pears, peaches or plums,

The generality of men have, like planets, latent properties which chance brings to light,

For convenience in cleaning lamp chimneys, nothing is nicer than a small sponge attached to the end of a stick.

A New Orleans paper refers editorially to the wonderful restoration to health of Mr. T. Posey, druggist, 225 Canal street, that city who some time ago was prostrated by an excruciating attack of sciatica. After much suffering his wife applied St. Jacob's Oil, which cured him promptly and entirely.

Few are the orators who know when to stop talking.

I had a severe attack of catarrh over a year ago, and became so deaf I could fered terribly from roaring in my head. Balm, and in three weeks could hear as cheerfully say to all who are afflicted with the worst of diseases, catarrh and deafness, take one bottle of Ely's Cream Balm and be cured. It is worth \$1,000 per bottle to any man, woman or child suffering from catarrh,-A. E. Newman, Grayling, Campbell Co , Michigan,

No man is wise at all times.

The Kidneys Cleanse the System. It is important to keep them healthful and active, and this is best done with HUNT'S [Kidney and Liver] REMEDY. It is a specific for all kidney, liver and urinary complaints. Some of the worst chronic cases, that have been given up to die by physicians and friends, have been cured.

Mr. Stephen A. Aplin, Washington, D. C., says: "A member of my family having been troubled for several years with kidney disease was induced to use your HUNT'S [Kidney and Liver] REMEDY, and has been completely cured."

Health is better than wealth but wealth will bring health to all sufferers from dis-eases of the kidneys, liver and urinary or-gans, if it is expended in judicious amounts for the old reliable HUNT'S [Kidney and Liver] REMEDY. Dropsy, Rheumatism and Bright's Disease are immediately relieved by its use.

A whisper separateth friends.

LIVER COMPLAINT is declared by many old sufferers, after years of medical experiment, to be incurable, and yet VIN-EGAR BITTERS has effected innumerable

Charity is the bond of perfection.

Frazer Axle Grease There is no need of being imposed on if Ethel (with interesty you will insist on having the Frazer Brand matter with to-night?" of Axle Grease. One greasing will last

There are remedies for all things but

MEMBMAN'S PETTONIED BEEF TONIC, the only preparation of beef containing its entire sutritious properties. It contains blood-making, force generating and life-sustaining properties; invaluable for indigestion, dyspepsia, nervous prostration, and all forms of general debility, also, in all enfeebled conditions, whether the result of exhaustion, nervous prostration, over-work or acute disease, particularly if resulting from pulmonary complaints. Caswell, Hazard & Oo., proprietors, New York, Soid by druggists. New York. Sold by druggista.

Striking manners are bad manners.

Important. When you visit or leave New York City, save baggage expressage and \$3 carriage Hire, and stop at the Grand Union Hotel, opposite Grand Cen-

trai Depot.
600 elegant rooms, fitted up at a cost of one
million dollars, ti and upwards per
day. European Plan. Elevator. Restaurant
supplied with the best. Horse cars, stages and
elevated railroad to all depots. Families can live
better for less money at the Grand Union Hotel
than at any other first-class hotel in the city.

If afflicted with sore eyes use Dr Isaac Thompson's Eye Water. Druggists sell it. 25c

Idleness always envies industry. solid Chunks or Wisdom, THE only answer to all criticism, the

true test of all work, is the result and when Carboline restores the hair we know that it is the best restorer.

To select well am ... g old things is almost equal to inventing new ones.

Why continue the use of irritating made, or one not fit to eat. It is especially nice for breakfast, served with Cream Balm, pleasant of application and a sure cure for catarrh, and cold in head, can be had for 50 cents, at drug-VARNISHES FOR FURNITURE, -The gists. It is easily applied with the finger, is safe and pleasant and is curing the most obstinate cases. It gives relief at once. We will mail it at 60 cents.

Every man has just as much vanity as he wants understanding.

St. Bernard Vegetable Pills.



FACETIÆ.

"Papa, did you ever smoke when you was a boy?" asked a 10-year old Brooklyn lad who was vigorously chewing coffee to disguise the vile odor of a cigarette which clung to him still.

'Yes, once," replied the father as he sniffed the smell of tobacco in the air. "What did your papa say?" asked the boy, with usual interest.

"He didn't say a word, my son; but this is what he did when he found it out.

When the father finished the temperature of his scion was several degrees hotter than the ambient atmosphere.

First doctor-'Do you know I am eginning to suspect Slathers?"
Second doctor—"You surprise me. He seems to be quite a gentleman,"

First doctor-"Oh, certainly; but I mean-well, I hate to say it, but I suspect he is not a regular practitioner." Second doctor-"You horrify me !" First doctor-'In fact, I feel certain

Second doctor-"Upon what do you base your opinion?" First doctor-"Upon facts, sir, facts, All his patients recover.'

A countryman in a restaurant ordered roast lamb, and the waiter bawled to the cook: "One lamb!"

"Great Scott, mister!" cried the countryman, "I can't eat a hull lamb. Gimme some fried oysters instead." "One fried!" bawled the waiter.

"Well, Methusalem's ghost, mister, one fried oyster hain't goin' to be enough! Gimme a dozen of 'em. Durn these city eatin' places!"

"What's the population of Chatta-nooga?" asked a Knoxvillian with an inquiring turn of mind, of a citizen of

"Oh it is fully-but first tell me the population of Knoxville," said the Chattanoogan. "No you say first," insisted the man

from Knoxville. "No you say.

"No, after you." They subsequently changed the sub-

"Young PERKINS-"Ethel, in a few short days I will be far, far away." Ethel (languidly)-"How far?"

Young P. (desperately-"I know not thousands of miles, perhaps. Tomorrow night I shall leave this house, perhaps forever."

Ethel (with interest)-"What's the

"Will you be good enough to bring me some butter?" said a traveler to a hotel waiter. "You have butter on your butter dish, sir," said the haughty night of the soup ladle, in reproachful tones. "Oh, excuse me," said the traveler, "I took it for a grease spot." And then no sound could be heard except the gentle rustle of the dinner gong.

"Now, sir, describe the horse," "He was a bay gelding, sixteen feet

high." "What! sixteen feet? You mean hands." "Did I say feet?"

"You did," "Very well, then, I'll stick to it.

To TEST your musical talent whistle all the time. Sing the rest of the time. Hum a bar of every new opera A good example is always the best incessantly. Drum on the table with your fingers, and pat the floor with your foot. If your friends do not place you in a lunatic asylum after this you will be warranted in buying a cornet, flute, violin, accorcion, or hiring a

> A Kansas cowboy was seen coming out of the office of a local paper in that State, with a terribly bruised countenance and the general appearance of a walking rag-bag. "What have you been doing in that office?" asked a friend. "Oh, I went in to have the editor explain an item about myself, and he did it. I'm perfectly satisfied-For the love of heaven don't hint to him I'm not!

Brown-"What a sad-looking fellow Smith is. What is the matter with him; I wonder?" Fog3-Why didn't you ever hear?

He was disappointed in love."
Brown—"Got the mitten, eh?" Fogg-"Oh, dear, no; he married

A GENTLEMAN was one day, in the old coaching times, traveling by a coach which moved at a very slow pace. "Pray," said he to the guard, "what is the name of this coach?" "The Regu-lator," was the reply. "And a very appropriate name, too, said the traveler; "for I see all the other coaches go by

"And so your daughter is in the academy? How does she get along?" "Splendidly; she is studying all the higher branches," "Is she studying the languages?" "Oh, yes, she has nearly completed the language of flowers, and is now engaged in the language of perfumes. My! what an education that gri will have when she gets through." gets through,"

"Is THERE a dude club in this city?" asked a stranger, entering the editorial room. "There is," returned the editor, as he produced a toothpick from his pocket and laid it on the roll-top desk; "that's it, and the first dude that shows his face in this office will be brained with it." With a deep sigh the stranger turned and disappeared,

Ar the annual dinner of Sorosis in New York on Monday Mrs. Crely, the president, in offering the toast "The Women Martyrs," said that "martyrdom of woman was an unspoken agony." Anything "unspeakable" must be a great agony to a woman, that's a fact.

"WHY," asked Professor Miller, "is a good name better than riches?" and the smart bad boy at the foot of the class said he reckoned it was because it was much rarer. He was marked ten

Prof. Tyndall recognizes three principal hues in sea-waves-blue, green and yellow. Solid particles held in the water act as minute mirrors reflecting the light that penetrates the liquid. The rays which are sent out after having traversed only a thin stratum of water preserve their yellow parts; but if the reflections are attenuated, the water appears green; and if they do not exist at all, the sea being clear and free from the muddy matters, the color is deep blue. In an indigo sea the crest of waves will appear green on account of their lack of thickness. Sea-weed, animalcules and other local or accidental causes may have much influence on the color of the water.

A forcible illustration of the weight of the atmosphere was given by Prof. S. P. Langley, the American astronomer, in a recent lecture in London. He remarked that the air, so limpid that it scarcely appeared to be matter at all, is so enormous in mass that it really presses with nearly a ton to each square foot; so that the weight of all the buildings in the world's metropolis, for instance, is less than that of the air above them.

A committee of the British Medical Association is collecting information | 5 mg concerning the experience and habits of persons who have attained the age of eighty or over. Interesting results eighty or over. Interesting results are expected.

Rheumatism

We doubt if there is, or can be, a specific remedy for rheumatism; but thousands who have suffered its pains have been greatly benefited by Hood's Sarsaparilla. If you have

falled to find relief, try this great remedy. "I was afflicted with rheumatism twenty years. Previous to 1883 I found no relief, but grew worse, and at one time was almost helpless. Hood's Sarsaparilla did me more good than all the other medicine I ever had."

H. T. BALCOM, Shirley Village, Mass. "I had rheumatism three years, and got no relief till I took Hood's Sarsaparilla. It has done great things for me. I recommend it to others." LEWIS BURBANK, Biddeford, Me.

Hood's Sarsaparilla is characterized by three peculiarities: 1st, the combination of remedial agents; 2d, the proportion; 3d, the process of securing the active medicinal qualities. The result is a medicine of unusual grength, effecting cures hitherto unknown. Bend for book containing additional evidence. "Hood's Sarsaparilla tones up my system, purifies my blood, sharpens my appetite, and seems to make me over." J. P. Thompson, Register of Deeds, Lowell, Mass.

"Hood's Sarsaparilla beats all others, and is worth its weight in gold." I. BARRINGTON, 130 Bank Street, New York City.

Hood's Sarsaparilla Sold by all druggists. \$1; six for \$5. Made only by C. I. HOOD & CO., Lowell, Mass.

100 Doses One Dollar.



Grateful Thousands proclaim Vinegar Birrars the most wonderful invigorant that ever sustained the sinking system.

Hade from California roots and herbs, free from Alcoholic Stimulants. A Purgative

from Alcoholic Stimulants. A Purgative and Tonic.

This Hitters cures Female Complaints, Inflammatory and Chronic Rheumatism, Gout, Bilious, Remittent and Intermittent Fevers, Blood, Liver and Kidney Diseases.

Byspepsia or Indigestion, Headache, Pain is the Shoulders, Coughs, Tightness of the Chest, Disziness, Sour Stomach, Furred Tongue, Bilious Attacks, Palpitation of the Heart, Pneumonia, and Pain in the regions of the Kidneys, are cured by the use of the Bitters.

For Skin Diseases, Eruptions, Bolls, Erysipelas, Scrofula, Discolorations, Humors and diseases of the Skin of whatever name or nature, are literally dug up and carried out of the system in a short time by the use of the Bitters.

It Invigorates the Stomach, and stimulates the torpid Liver and Bowels, which render it of unequaled efficiency in cleansing the blood of all impurities, and imparting new life and vigor to the whole system.

No Person can take the Bitters and remain long unwell.

No Person can take the Sitters and remainling unwell.

Fin, Tape and other Worms, are destroyed and removed from the system.

Cleanse the Vitiated Bilood whenever it is foul; your feelings will tell you when. Keep the blood pure, and the health of the system will follow.

In conclusion: Ave the Bitters a trial. It will speak for itself. One bottle will prove a better guarantee of its merits than a lengthy advertisement. vertisement.
R. H. McDonald Brug Co., Proprietors,
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Indigestion Cured.

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BEST TRUSS EVER USED. TRUSS New York Elastic

LES CURED by DR. HUTCHINGN, Onlogo Dermai Institute, Chicago, Ill. TARRAT VALENTINE BROS., Jan



Rheumatism, Neuralgia, Sciatica, Lumbago, Backache, Headache, Toothache, Sore Throat, Swellings, Sprains, Bruises, Eurns, Scalds, Frost Bites, AND ALL OTHER BOULT PAIDS AND ACHES, Bold by Droggists and Dealers everywhere. Fifty Couls a bottle.

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