

SCIENTIFIC.

A novel apparatus has been constructed by M. Auguste, a priest of Pamiers, in France, and brought recently before the French Academy of Sciences. It gives rise to air currents similar to the great winds of the earth's atmosphere...

The latest invention for covering walls and ceilings is called "Soapstone Finish," and is mainly composed of pulverized stearic acid...

William T. Smith, of this city, has designed a novel apparatus for shutting off the flow of gas from a service pipe into a building that is on fire...

Accounts show that the saltpetre beds of Nevada are far better situated for their development than the nitre region of South America...

A resin-gathering bee (Trigonotarbex) has been discovered in hollow trees of the resin it collects in the forests. These nests are sought after by boat builders...

Dr. Carl Zeiss director of the botanical garden at Antwerp, has invented a new glass which will make telescopes and eye glasses far superior to the best now in use...

It is computed that a twelve-inch wall of hard burned bricks and good lime and sand mortar could hold up 1,600 feet high...

Eleven new species of star fishes were discovered by the German South Polar expedition which visited the island of South Georgia in 1882-83...

Dr. Timonius-Crudell, a distinguished Roman physician, declares that the malaria of the south of Italy, about Rome is not due to the marshes near the coast...

A bonnet holder has been patented which is an ornamentally shaped receiver fitted with an internal holder...

FARM NOTES.

TREE PLANTING IN THE NORTHWEST.—Economy has led to tree planting on an extensive scale in the North and Northwest. Belts of timber are taking the places of pine fences...

The white willow, which grows to a height of twelve feet in four years, has been found to be the cheapest and best, though the box elder, cotton wood, and green ash will serve...

MINGLING STOCK.—Stock to be perfectly healthy, must have an opportunity of mingling with other living things, of various kinds. The old idea of the healthy effect goats have upon stabled horses is only one phase of a great truth...

SECRETARY SHAEFFER, of the Iowa Agricultural Society, says the cabbage worm has destroyed whole fields and acres of cabbages, and the remainder of the crop is being ruined...

BREAKING COLTS.—The future conduct of a colt depends much upon gentle training in his first lessons of subjection. Whatever vices colts contract, through carelessness or incompetency of the breaker, will last as long as they live...

A GERMAN agriculturist, after twenty-five years experience, contrary to the general belief that the larger varieties of merinos are to be preferred on account of yielding a better return both in flesh and wool for the fodder consumed...

A CORRESPONDENT wishes to know how to feed chickens (the best food) and the manner of setting the chicks about Rome is not due to the marshes near the coast...

CABBAGE AND CAULIFLOWERS.—Plants, when large enough, are to be set out from the seed-bed, and land in a cold, shaded place, with a mulch of straw or other light covering...

Fire-crackers are made by Chinese convicts, hired by manufacturers from the government at three cents a day, the work being done inside of the prison...

An excellent start was made without delay, Blue Wing, Grimaldi and Mastertiepe as named showing in front. In a short distance Mastertiepe went to the front, soon having a lead of three lengths, Harrodsburg second...

HOUSEHOLD.

WHAT TO DO WITH THINGS.—If you have a worn-out ingrain carpet, cut it in carpet squares, cutting the long way of the carpet, sew, wind into balls, and take it to a woolen weaver...

Hood's Sarsaparilla Sold by all druggists, \$1.00 per bottle. Made only by C. HOOD & CO., Lowell, Mass. 100 Doses One Dollar.

Two pretty tidies for the back of a shirt, which is divided in two parts and has a neck, are made of three pieces of blue ribbon the length of the sofa cushion, put lace insertion of the same width as the ribbon between the strips of ribbon...

A GOOD ginger cake wherein no eggs are needed is a boon to man with eggs and from forty to fifty cents a dozen. Take a cup of cold water, a cup of sugar, a cup of milk, half a cup of butter, one-third of a cup of molasses...

CHOCOLATE jelly will sometimes be refused by one who is delicate and uncertain appetite. But three grains of sweet milk and two bars of chocolate melted together until the chocolate is entirely dissolved, then add sugar and vanilla until the flavor you like is imparted...

A HAND rest can be made by any carpenter. It is simply a piece of wood about 12 inches long and 1 1/2 inches broad, supported by four legs...

AN excellent and not common rule for making drawn butter sauce is to rub a piece of butter the size of an egg with a cupful of flour, season with pepper and salt, and a very little nutmeg; mix this with enough water to make it smooth like paste...

A NECESSITY in every household is a linen closet or cabinet hung out of reach of children, where the bottles containing the bottles containing liniment, oil, and other household necessities can be kept...

THE most fashionable fans just now are very large ivory or tortoise-shell, with ostrich feather leaves. The palm fans covered with flowers, the handles made of a box of ribbon, are pretty in decoration...

St. Bernard Vegetable Pills. Warranted Purely Vegetable. Contains no opium, mercury, or any other poisonous substance. Sold by all druggists, 25c per box.

Catarrh Cured

Catarrh is a very prevalent disease, with distressing and tedious symptoms. Hood's Sarsaparilla gives ready relief and speedy cure...

Hood's Sarsaparilla Sold by all druggists, \$1.00 per bottle. Made only by C. HOOD & CO., Lowell, Mass. 100 Doses One Dollar.

A WORK-BASKET of waste-paper basket which has become worn and broken, the edges may be made to serve a good purpose by lining it; have the lining quite full, bring it over the outside of the basket, hem the edge, and stir it and patch it with fine stitches...

IF you wish to give an extra touch of brilliancy to your hair, take a tin of hair oil, and rub it into the hair. It is ready to take pat little lumps of butter on the top and scatter sugar and cinnamon over it.

A NEW YORK farmer states that he used only coal gas tar to prevent the ravages of the potato beetle. He put a gallon of tar in a tub, over which he poured boiling water, which is sprinkled to settle and cool...

How to Shorten Life. The road to a long life is to take only a tad of vice, and neglect it. Abstinence, the great English surgeon, asked a lady who told him she only had a cough: "What would you have?"

There are three things in this world which deserve no quarter—Hypocrisy, Pharisaism, and Tyranny. MERRIAM'S FERTILIZER BEEF TONGUE, the only preparation of beef containing its own nutritive...

A Kettle eight feet in diameter, twenty-four feet long and five feet high is being made in New York to be used in a soap factory. It will hold thirty-six tons of melted tallow.

IT IS USELESS to attempt to cleanse a stream while the fountain is impure. Dyspepsia, complaints of the liver or kidneys, scrofula, headaches, and all diseases arising from impure blood, are at once removed by Dr. Walker's California Blood Purifier...

Man in his infancy of knowledge, thinks that all creation was formed for him. One word: one step may make or mar one's whole future. Dr. Jones' Red Clover Tonic is the proper food for dyspepsia, bad breath, pimples, acne, malaria, low spirits, headache, or any stomach or liver troubles...

LED'S LAMP. TRADE MARK. UGURE. SAFE SURE. PROMPT. 25 Cts. THE CHAS. T. VOUGLER CO., BALTIMORE, MD.

GERMAN REMEDY FOR PAIN. THE GREAT. THE CHAS. T. VOUGLER CO., BALTIMORE, MD.

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FACETIAE. A FATHER sitting on the stoop with his little son one evening, desired to ascertain how well he knew his grammar. So he asked: "How many genders are there, my son?"

MRS. NIBBS.—"Yes. I know John is better off now than I am, but I should not mind it so much, only just think of the disgrace." He was hung by a vigilance committee.

THE following conversation was overheard on the sidewalk on Union Square, near the Morton House: "Now that I have read your my play what do you think of it?"

MISS ESMERALDA LONGCOTTIN, of Astoria, is a confirmed flirt. She recently made the acquaintance of Tom Anjery, a university student, and the result was an engagement.

"I have been digging all over my garden," said Brown, "and I'm all worn out." "Ah!" remarked Fogg, "a new variety of earthen wear, eh?"

"LITTLE NELL"—"Is it impolite to say that any one is lucky?" "Mamma—" "Why not?" "Then what did General Jones get mad for when I asked him if he wasn't lucky?"

"I TELL you, it's a great thing to have a girl who knows enough to warn a fellow of his danger." "Have you?" inquired one of the company. "Yes, indeed; Julia's father and mother were laying for me the other night when she heard my tap at the window, and what do you suppose that girl did? 'Can't think.' 'She just sat down to the piano and sang the insides out of 'Old Folks at Home.' You can just bet I didn't call that evening."

"YER-VICE, the lawyer, is a dude," said Henderson to McNubb. "Right you are. Do you know his clerk, Higginbotham?" "No; what of him?" "Why, he is a subduer?"

"A SWEDISH scientist claims to have discovered a method of extracting alcohol from sea-water. As Shakespeare says, he intends to call spirits from the vasty deep."

MIC recently tried to sink a well, but was a man of money instead. He insists on it, however, that the money was well spent. A BLASTED idiot (usually) is the blithesome individual that undertakes to open a dynamite cartridge with a brick.

DYSPEPSIA. DR. RADWAY'S PILLS. THE GREAT LIVER AND STOMACH REMEDY. For the cure of all the ailments of the stomach, liver, and bowels...

IRON BITTERS. THE BEST TONIC. For the cure of all the ailments of the stomach, liver, and bowels...

DR. RADWAY'S Sarsaparillian Resolvent. For the cure of all the ailments of the stomach, liver, and bowels...

SURECURE PENNYROYAL PILLS. THE ORIGINAL AND ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

OPIMUM MORPHINE. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

VINEGAR BITTERS. THE GREAT PURIFIER AND LIFE-GIVER. For the cure of all the ailments of the stomach, liver, and bowels...

THE OLD DOCTOR. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

FRAZER AXLE GREASE. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

LEPAGES GLUES. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

EVAPORATING FRUIT. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...

TOWER'S SLICKER. THE ONLY GENUINE. For the cure of all the ailments of the stomach, liver, and bowels...