

Scientific and Useful.

CLOTHING THAT WILL NOT BURN.

It is well known that certain substances, notably phosphoric ammonia, incorporated in the fibres of dresses render the fabric more durable, or rather, admit of their burning very slowly and carbonizing with the production of flame.

MAKING LEATHER EASY TO METAL.

A method of affixing leather to metal so that it will split before it can be torn off, consists in digesting a quantity of nut-galls, reduced to powder, in eight parts of distilled water for six hours, and filtering it through a cloth.

BENEFICIAL INFLUENCE OF TEA.

The beneficial results of the introduction of tea and coffee have been singularly overlooked or underrated. It has been, however, well described as lending "to the most wonderful change that ever took place in the diet of modern civilized nations—a change highly important both in a moral and physical point of view.

VENTILATION OF CUPBOARDS.

In the sanitary arrangements of houses, even for the richer classes, the ventilation of cupboards is neglected. In places lot as tenements, closets are receptacles for bread and the fragments of various other kinds of food.

IMITATION OF PRECIOUS STONES.

There is in Paris a vast establishment—the most extensive of its kind in the world—where the imitation of pearls, diamonds, and precious stones generally, is carried on with all the skill which modern ingenuity renders possible, and these productions are sent to the shops of all lands.

THE PROPAGATION OF CELERY.

Celery is a native of Norway and Sweden, where it grows near the edges of swamps. This it is rarely cultivated as it should be, hence the stunted specimens which appear in our markets.

"FACTS ARE STUBBORN THINGS."

Thousands of human beings are yearly borne on the swift current of disease down to the grave, just because they do not possess a sufficient knowledge of themselves. A man meets his neighbor, and the first salutation is, "How are you?" or "How is your health?"

Special Notices.

ELECTRICITY! THOMAS' EXCELSIOR ELECTRIC OIL!—WORTH TEN TIMES ITS WEIGHT IN GOLD.—Pain cannot stay where it is used. It is the cheapest medicine ever made. One dose cures common sore throat.

MAPLE GROVE, ANCASTER. Messrs. W. G. Chute & Co. GENTLEMEN,—I feel bound by a sense of duty, and a desire to benefit my fellow-beings, to make known the wonderful effect of your Indian Rheumatic Cure

HARDWARE. RODGERS' Ivory handled Table and Dessert Knives. RODGERS' Sott's Carvers and Stools. ELECTRO-PLATE Table, Desert, and Tea Spoons.

RICE LEWIS & SON, HARDWARE MERCHANTS, TORONTO. A YEAR COMBINATION SPECTACLES. Represented in different books. Agents say this is the BEST THING EVER TRIED.

DR. C. M'LANE'S CELEBRATED LIVER PILLS, FOR THE CURE OF Hepatitis or Liver Complaint, DYSPEPSIA AND SICK HEADACHE.

Symptoms of a Diseased Liver. PAIN in the right side, under the edge of the ribs, increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder.

AGUE AND FEVER.

DR. C. M'LANE'S LIVER PILLS, IN CASES OF AGUE AND FEVER, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine.

Address all orders to FLEMING BROS., PITTSBURGH, PA.

Dr. C. M'LANE'S Vermifuge. Should be kept in every nursery. If you would have your children grow up to be HEALTHY, STRONG, and VIGOROUS MEN AND WOMEN, give them a few doses of M'LANE'S VERMIFUGE.

HOSIERY!!

CRAWFORD & SMITH. Invite special attention to their New Stock of MERINO AND COTTON HOSIERY. Children's and Ladies' Scotch Merino Hose, Children's and Ladies' English Merino Hose, Children's Coloured and White Cotton Hose, Ladies' Coloured and White Cotton Hose, Children's and Ladies' Balbriggan Hose, Children's and Ladies' Lisle 14 thread Hose, Ladies' Scotch and English Lisle 14 thread Understock, Cents' Scotch and English Lisle 14 thread Understock.

W. ALEXANDER. JOHN STARK. ALEXANDER & STARK, STOCK BROKERS. AND ESTATE AGENTS. 10 KING ST. EAST. (Members of the Stock Exchange.) Buy and sell Stocks, Debentures, &c. Mortgages and Loans negotiated. ORDERS PROMPTLY EXECUTED.

JUST RECEIVED AT WILLIAM GORDON'S, 134 YONGE STREET, FLOOR CLOTH COVERED. CORTAINE! Suitable for Office, Billiard, and Billiard Rooms. It is known to be the best in the world. BRUSSEL AND TAP STAY CARPETS. LIVE AGENTS WANTED. To sell Dr. Chase's Receipts, or information for Everybody, in every County in the United States and Canada.

\$200. A quantity to agents everywhere. A. S. Dress Execution Mrs. Co. 131 Mich. Ave., Chicago, Ill.

HAGYARD'S Family Medicines. HAGYARD'S YELLOW OIL.

This valuable preparation is admirably adapted to the cure of all those diseases for which a counter-irritant or external remedy is required. In the human family it is guaranteed to cure Rheumatism, Sprains, Bruises, Frost Bites, Chilblains, Scalds, Itch, &c., &c., and can be taken internally for Croup, Diphtheria, Asthma, in connection with HAGYARD'S PECTORAL BALSAM, when used according to directions on circular accompanying each bottle.

No Horseman should be without it always in the stable in case they should require a reliable Liniment for the cure of Sprains, Bruises, Scratches, Wind galls, or Lameness from any cause; and when given internally, will cure Cramps, Colic, Indigestion, &c.

There is no preparation offered to suffering humanity that has made so many permanent cures as HAGYARD'S YELLOW OIL. We guarantee to give satisfaction or refund the money. Price 25 cents per bottle.

HAGYARD'S Pectoral Balsam. Has been thoroughly tested since first introduced for Bronchitis, Asthma, Catarrh, CONSUMPTION, and all diseases of the throat and lungs.

We mention all these affections because HAGYARD'S PECTORAL BALSAM is intended, in all respects, to meet them.

There are innumerable cases of Consumption, Catarrh, Asthma, Bronchitis, &c., which might have been prevented if a useful and timely remedy had been used. Where irritation exists, it soothes; where cough occurs, it mitigates the symptoms and establishes a healthy action where there is a large collection of phlegm or mucus to remove, it will be found invaluable.

We would caution parties wishing to use our PECTORAL BALSAM that owing to the large sale our medicines has attained there are many small dealers getting up Balsams under other names which do not contain one particle of Balsam in their composition. Ask for HAGYARD'S PECTORAL BALSAM and take no other.

MILBURN, BENTLEY & PEARSON, PROPRIETORS, TORONTO.

FITS! FITS! FITS!

CURE OF EPILEPSY; OR FALLING FITS. BY HANCE'S EPILEPTIC PILLS.

Persons laboring under this distressing malady, will find Hance's Epileptic Pills to be the only remedy ever discovered for curing Epilepsy or Falling Fits. The following certificates should be read by all the afflicted, they are a every respect true, and should they be read by any one who is afflicted with this terrible disease, they will be found to be a humane act by cutting this out and sending it to him.

A MOST REMARKABLE CURE.

PHILADELPHIA, June 25th, 1857. DR. HANCE, Baltimore, Md.—Dear Sir, Seeing your advertisement, I was induced to try your Epileptic Pills. I was afflicted with Epilepsy in July 1853. Immediately my physician was summoned, but he could give me no relief. I then consulted another physician, but he was generally attacked with the same paroxysms as myself. I had from two to five fits a day, at intervals of a few days. I was often attacked in my sleep, and would fall whenever I would be or whatever I was engaged in. I was so much afflicted that I lost all confidence in myself. I was obliged to give up my business, and I consider that your Epileptic Pills cured me in a few days. I have since had no more fits, and I am now as well as ever. I have the honor to be, Sir, your obedient servant, WILLIAM ELLER.

IS THERE A CURE FOR EPILEPSY?

The afflicted will answer. GENEVA, Miss, June 25th, 1857. DR. HANCE.—Dear Sir, You will be recalled by the Dollars, which I send you for two boxes of your Epileptic Pills. I was the first person who had your Pills in this country. My wife was badly afflicted with Fits for two years. I wrote for and received two boxes of your Pills, which she took as directed. I had from two to five fits a day, at intervals of a few days. I was often attacked in my sleep, and would fall whenever I would be or whatever I was engaged in. I was so much afflicted that I lost all confidence in myself. I was obliged to give up my business, and I consider that your Epileptic Pills cured me in a few days. I have since had no more fits, and I am now as well as ever. I have the honor to be, Sir, your obedient servant, WILLIAM ELLER.

ANOTHER REMARKABLE CURE OF EPILEPSY; OR FALLING FITS. BY HANCE'S EPILEPTIC PILLS.

MONTGOMERY, TEXAS, June 25th, 1857. TO DR. HANCE.—A person in my employ had been afflicted with Fits of Epilepsy for thirteen years. He had the misfortune to be afflicted with this disease, and often fell into a quiet unconsciousness, sometimes continuing two or three days. On several occasions they lasted several days, and appeared totally deranged, in which state he would continue for a day or two after he was cured. He had several remedies prescribed by our resident physician, but without success. Having seen your advertisement, I was induced to try your Pills. He was first attacked while quite young. He would have one or two spasms at an attack at first, but as he grew older they became more frequent, and he was obliged to give up his business. He was so much afflicted that he lost all confidence in himself. He was obliged to give up his business, and I consider that your Epileptic Pills cured him in a few days. I have since had no more fits, and he is now as well as ever. I have the honor to be, Sir, your obedient servant, B. L. DEFRANCE.

STILL ANOTHER CURE.

Read the following testimonial from a respectable person: I was afflicted with Fits of Epilepsy for thirteen years. He had the misfortune to be afflicted with this disease, and often fell into a quiet unconsciousness, sometimes continuing two or three days. On several occasions they lasted several days, and appeared totally deranged, in which state he would continue for a day or two after he was cured. He had several remedies prescribed by our resident physician, but without success. Having seen your advertisement, I was induced to try your Pills. He was first attacked while quite young. He would have one or two spasms at an attack at first, but as he grew older they became more frequent, and he was obliged to give up his business. He was so much afflicted that he lost all confidence in himself. He was obliged to give up his business, and I consider that your Epileptic Pills cured him in a few days. I have since had no more fits, and he is now as well as ever. I have the honor to be, Sir, your obedient servant, B. L. DEFRANCE.

JAMES SHIELDS & CO., IMPORTERS OF GROCERIES, And Manufacturers of Biscuits and Confectionery.

TORONTO.

Ayer's Cathartic Pills,

For all the purposes of a Laxative Medicine.



Perhaps no other medicine is so universally required by every body as a cathartic, nor was ever one so generally adopted into use in every country, and among all classes, as this little but efficient purgative. It is called Ayer's Cathartic Pills. The object is to make and to move the bowels, and to remove the impurities of the system, and to restore the system to its natural state.

For Dyspepsia or Indigestion, Flatulency, Stomach and Loss of Appetite, they should be taken moderately to stimulate the stomach and restore its healthy tone and action. For Liver Complaint and its various symptoms, Bilious Headache, Stomachic, Jaundice, Gravel, Sickness, Bilious Colic, and Bilious Fevers, they should be judiciously taken for each case to correct the diseased action or remove the obstructions which cause it. For Dysentery or Diarrhoea, but one mild dose is generally required.

DR. J. C. AYER & CO., Practical Chemists, LOWELL, MASS., U. S. A.

NORTHROP & LYMAN, Toronto, Sole Agents

Ayer's Sarsaparilla,

FOR PURIFYING THE BLOOD.



The reputation this excellent medicine enjoys, is derived from its cures, many of which are truly marvellous. In various cases of scrofulous disease, the system saturated with corruption, has been purified and cured by it. Scrofulous affections and disorders which are generally cured by the Sarsaparilla, are Syphilis, Eruptions, and the various Ulcerous affections of the muscular and nervous systems.

Supplies of Federal and Mercantile Disasters are used by it, though a fact that is required for the most efficient medicines by any medicine. For long continued use of this medicine will cure the most obstinate Leucorrhoea or Whites, Urinary Inflammations, and Female Diseases, are commonly soon relieved and ultimately cured by its purifying and invigorating effect. Mucus is present in each case are found in our Almanac, supplied gratis. Rheumatism and Gout, when caused by accumulations of extraneous matters in the blood, yield quickly to it, as also Liver Complaints, Paralysis, Consumption, or any of the most dangerous forms of disease, when arising from the impurities of the blood. This Sarsaparilla is a great restorer for the strength and vigor of the system. Those who are Languid and listless, Depressed, Sleepless, and troubled with Nervous Affections, or any of the affections symptomatic of Weakness, will find immediate relief and convincing evidence of its restorative power upon trial.

PREPARED BY DR. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.

SOLD BY ALL DRUGGISTS EVERYWHERE.

NORTHROP & LYMAN, Toronto, Sole Agents \$5 to \$20 PER DAY.—Agents wanted! All classes of working people, of either sex, young or old, make more money at work for us than at any other place. We have a large stock of goods, and are prepared to do any kind of work for you. Address, G. STINSON & CO., Portland, Maine.