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## WEST - END BOARDING AND DAY SCHOOL FOR YOUNG LADIES.

No. 2718 St. Catharines St. West, Montreal.

This school, conducted by Miss Lawder and Mrs. Rice, has been well and favorably known for the day, September 14. An efficient staff of teachers is Latin, and while all the English Branches, Music and French receive special attention. The Latin, and Mathematics are thoroughly taught, Lumber of resident pupils is limited, and every effort On application to Miss Lawder, at above address, if required.



#### SCIENTIFIC AND SANITARY.

A factory at Anniston, Ala., is making the pipe for a 30-luch water main between Jerusalem and Joppa.

Apparatus which can be used for warming a building in winter and cooling it in summer, is being introduced into two immense Methodist churches, one in Pittsburg, and the other in Allegheny, Penn.

Dr. Barus, an extensive experimenter, is strongly in favour of the thermo-elec-tric method of measuring high tempera-tures. He believes the best couple is one made of platinum with an alloy platinum and iridium or rhodium.

Some one asks, How do you estimate an engine's horse-power? The answer is: Multiply the pressure per square inch by the square inch of area of the piston, and then multiply this result by the number of feet the piston travels in a minute. Finally divide by 33,000.

The first man to run a locomotive with the first man to run a forest with cast iren, instead of forged driving wheels, was Julius D. Petsch. This was in 1830. He was a practical machinist, and set the engine up himself. She was built at the West Point Foundry for service on the South Carolina road.

Mention has been made of experiments in Pennsylvania with aluminum horse-shoes. An Ohio man writes to the Metal Worker to say that such shoes are quite often used for racehorses in his neighbourhood (Trumbull County), and on elay roads they seem to give good satis ac-tion. The maker buys the material in size and shape to suit himself, and hammers them out cold.

An Englishman has patented a method of drying and purifying houses with damp walls. He employs a chemical hygroscopic substance, such as calcium chloride, which is exposed in buckets or basins, or in perforated metal casings fitting between shallow earthenware or metal vessels. The room or building is carefully closed during the drying operation. It is cluimed that the calcium chloride withdraws and destroys all bacteria and germs with the moisture.

A new system of applying the jacket to large steel cannon, invented by William Sellars, is about to be tried at the great naval gun foundry in Washington. Usually the jacket, after being heated, is removed from the furnace and then slipped the improved of the property of o moved from the furnace and then supply on over the immense cylinder. By the new plan the jacket will be kept under the heating influence and the inner section will be thrust into it. Meanwhile a stream of water will be conducted through the tube to keep it cool.

A Bavarian aeronaut named Koch, has a scheme for a new guidable flying apparatus, and the Bavarian Ministers of the Interior and Education, think enough of him and of it, to make him a grant of sixteen hundred marks, to enable him to carry out his ideas. He has described his plans in a pamphlet entitled "Free Humpians in a pamphier entitled Pres idinary and Flying, as the Preliminary Condition of Dynamic Aeronautics." He will first acquire the necessary skill himself, and will practice over the Lake of Constance. The Prince Regent of Bavaria is much in the matter—New York Sun. terested in the matter.- New York Sun.

The mountains of South New Zealand The mountains of South New Zealand possess some remarkable glaciers. The largest is the Tasman, eighteen miles long, and one or two in breadth. It is three miles longer than the famous Aletsch glacier in Switzerland, and descends three thousand fact nearer the mountain three thousand fact nearer the mountains. cends three thousand feet nearer the sen level than the glaciers of the Alps. The rainfall on these New Zealand mountains rainfall on these New Zentand moduleans in places averages 120 inches per year, and is the occasion of the extent of the glaciers. The lower part of the Fox glacier is everlung with tree-erns, and a hot spring with a temperature of one hundred degrees, issues near is base. A similar phenomenon is found at Mt. Ruspehn of North New Zealand, where a boiling lake is found surrounded by the snow and ice of the mountain summit.

### Unlike the Dutch Process

No Alkalies Other Chemicals are used in the preparation of W. BAKER & CO.'S BreakfastCocoa

which is absolutely pure and soluble.

It has more than three times the strength of Cocoa mixed with Starch, Arrowroot or Sugar, and is far more economical, costing less than one cent a cup. It is delicious, nourishing, and EASILY DIGESTER.

Sold by Grocers everywhere.

W. BAKER & CO., Dorchester, Mass.

# DADWAY'S

An Excellent and Mild Cathartic.

Perfect Purgatives, Soothing Aperients, Act Without Pain, Always Reliable and Natural in Their Operation.

Perfectly tasteless, elegantly coated with sweet gum, purge, regulate, purify, cleanse and strengthen.

# Radway's Pills

For the cure of all disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Headache, Constipation, Costiveness, Indigestion, Dyspepsia, Billousness, Fever, Inflammation of the Bowels, Piles and all derangements of the Internal Viscera. Purely Vegetable, containing no mercury, minerals, or deleterious drugs.

### DYSPEPSIA.

DR. RADWAY'S PILLS are a cure for this complaint. They restore strength to the stomach and enable it to perform its functions. The symptoms of Dyspepsia disappear, and with them the liability of the system to contract the diseases. Take the medicine according to the directions, and observe what we say in "False and True" respecting diet.

Observe the following symptoms resulting Observe the following symptoms resulting from diseases of the digestive organs: Constipation, inward piles, fulness of blood in the head, acidity of the stomach, nausea, heartburn, disgust of food, fulness or weight of the stomach, sour eructations, sinking or fluttering of the heart, choking or suffocating sensations when in a lying posture, dimness of vision, dots or webs before the sight, fever and dull pain in the head, deficiency of perspiration, yellowness of the skin and eyes, pain in the side, chest, limbs, and sudden flushes of heat, burning in the flesh. the flesh.

A few doses of RADWAY'S PILLS will free the system of all the above named disorders.

Price 25 cents per box. Sold by all Druggists, or, on receipt of price will be sent by mail. 5 boxes for One Dollar.

DR. RADWAY & CO., - MONTREAL. Information worth thousands will be sent to

you.

Be sure to get. "RADWAY'S"

### RHEUMATISM IN THE KNEES.

Sirs,—About two years ago I took rheumatism in the knees, which became so bad that I could hardly go up or down stairs without help. All medicines failed until I was induced to try B. B. B. By the time I had taken the second bottle I was greatly relieved, and the third bottle completely removed the pain and stiffness.

Amos Becksted, Morrisburg, Ont.

Minard's Liniment is used by Physicians.