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(Medals and Diplomas) to

**WALTER BAKER & CO.**

On each of the following named articles:

BREAKFAST COCOA, . . . .
Premium No. 1, Chocolate, . .
Vanilla Chocolate, . . . . .
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For "purity of material," "excellent flavor,"  
and "uniform even composition."**WALTER BAKER & CO., DORCHESTER, MASS.**

## R. R. R. RADWAY'S READY RELIEF.

CURES AND PREVENTS

Coughs, Colds, Sore Throat, Influenza, Bronchitis, Pneumonia, Swelling of the Joints, Lumbago, Inflammations, RHEUMATISM NEURALGIA, Frost-bites, Chilblains, Headache, Toothache, Asthma,

DIFFICULT BREATHING.

CURES THE WORST PAINS in from one to twenty minutes. NOT ONE HOUR after reading this advertisement need any one SUFFER WITH PAIN.

Radway's Ready Relief is a Sure Cure for Every Pain, Sprains, Bruises, Pains in the Back, Chest or Limbs.

It was the First and is the Only

### PAIN REMEDY

That instantly stops the most excruciating pains, allays inflammation and cures Congestions, whether of the Lungs, Stomach, Bowels, or other glands or organs, by one application.

ALL INTERNAL PAINS, Cramps in the Bowels or Stomach, Spasms, Sour Stomach, Nausea, Vomiting, Heartburn, Diarrhoea, Colic, Flatulency, Fainting Spells, are relieved instantly and quickly cured by taking internally as directed.

There is not a remedial agent in the world that will cure Fever and Ague and all other malarious, bilious and other fevers, aided by RADWAY'S PILLS, so quickly as RADWAY'S RELIEF.

25 cents per bottle. Sold by all Druggists.

**RADWAY & CO.,**

419 St. James Street, Montreal.

## RADWAY'S PILLS,

Always Reliable.

Purely Vegetable.

Possess properties the most extraordinary in restoring health. They stimulate to healthy action the various organs, the natural conditions of which are so necessary for health, grapple with and neutralize the impurities, driving them completely out of the system.

### RADWAY'S PILLS

Have long been acknowledged as the Best Cure for

SICK HEADACHE, FEMALE COMPLAINTS, INDIGESTION, BILIOUSNESS, CONSTIPATION, DYSPEPSIA, AND ALL DISORDERS OF THE LIVER.

Price 25c. per Bottle. Sold by Druggists.

Minard's Liniment cures Colds, etc.

## SCIENTIFIC AND SANITARY.

The Prussian railway authorities have discovered, they say, that petroleum may be used advantageously in removing the incrustations in boilers.

The largest artesian well in the United States, is said to be at Chamberlain, South Dakota, which is eight inches in diameter and ejects 8,000 gallons a minute.

An ingenious Pennsylvanian has invented a signal clock for railways, by means of which every passing train registers the hour for the benefit of the engineer on the next one.

The development of intense heat by sending an electric current through water by Messrs. Soho and Lagrange has led Krupp to consider whether or not he can utilize that plan for hardening the skin of steel plates; and it may also be applied to tempering tools.

Shops for retail traffic in electricity—in other words, electric charging stations—for the supply of power to storage batteries used in running launches, bicycles, carriages and telephones, are being established in large cities abroad. There are two or three in New York also.

A device has been invented in Austria, to be used on the army rifle, which allows that weapon to be fired only when pointed at a certain angle with the horizon. Hungarian and North German inventions of the same kind have also attracted attention. None of these is a great success, though.

Paper is now to be used for belting. It is said. An assistant superintendent of motive power at Lowell proposes it. He says that a paper surface under constant pressure and friction from pulleys grows harder and works well. He believes it is equally serviceable with leather, rubber or cotton, perhaps better, besides being cheaper.

The great diamond recently found in Africa, will weigh, it is thought, when cut, about 500 carats. If it is true that there is a speck at the centre, it will probably be cut in two; but even then the portions will be much heavier than the Koh-i-noor, weighing 186 1-16 carats when cut the first time and only 103 1-2 the second, or the famous brilliant among the Russian crown jewels, weighing 194 carats. Before cutting, a diamond said to have been in the possession of the Great Mogul weighed 900.

A bold scheme for navigation in California has been proposed. It contemplates improving the channel of the San Joaquin from Suisun Bay into which it empties beside the Sacramento, south-eastward to Tulare Lake, a distance of 175 miles. Here and there it may be necessary to cut bits of canal and construct locks; and then Buena Vista and Kern lakes and Kern River will be similarly utilized, so that heavy ships can go up to Bakersfield. At last accounts the \$10,000,000 required for this purpose had not been subscribed.

Germany is said to give more practical encouragement to chemists than any other country. Many factories there employ this class of talent for private research, and are equipped with fine laboratories. For instance, in a new establishment for producing dyes out of coal-tar, at Elberfeld, there are twenty-six skilled chemists in the research department, and over sixty in all departments. Each research chemist is provided with an elaborately fitted up working place, which is practically a complete laboratory of itself. Another German colour factory employs even a greater number of competent chemists—not less than seventy-eight, of whom fifty-six have the degree of Doctor of Philosophy.

## Educational.

### BISHOP STRACHAN SCHOOL

FOR

YOUNG LADIES

Full English Course  
Languages, Music  
Drawing, Painting  
etc. For Prospectus  
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MISS GRIER.

LADY PRINCIPAL,

WYKHAM HALL, TORONTO

Re-opens on Wednesday, Sept. 6th.

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BOARDING AND DAY SCHOOL FOR YOUNG LADIES

MISS VENNOR, PRINCIPAL

(Late Trebovir House, London, Eng.)

A thorough course of instruction will be given in English, Mathematics and Modern Languages. Pupils prepared for University examinations. Classes in Swedish Carving will also be held twice a week.

### MISS VEALS'

BOARDING AND DAY SCHOOL  
FOR YOUNG LADIES.

50 and 52 Peter Street, - Toronto,

English, Mathematics, Classics, Modern Languages, Art and Music. Pupils prepared for entrance to the Universities, and for the Government examinations in Art. Home care combined with discipline, and high mental training.

Resident, Native, German and French Governesses.  
A large staff of experienced Professors and Teachers.

## UPPER CANADA COLLEGE (FOUNDED 1829.)

A fully equipped residential Boys' School. Besides the Classical and Science Courses, for which the College has long been famous, a thorough Business similar to the one adopted by the London (England) Chamber of Commerce is now taught—eight exhibitions entitling the winners to free tuition are annually open for competition. Winter Term begins January 8th.

For Prospectus apply to

The PRINCIPAL, U. C. COLLEGE,  
DEER PARK, TORONTO.

### MISS DALLAS, Mus. Bac.

Fellow of the Toronto Conservatory of Music, Organist Central Presbyterian Church. PIANO, ORGAN AND THEORY. Toronto Conservatory of Music and 99 Bloor Street West.

The ordinances of Newburg, Ore., forbid any person under the age of eighteen to be on the streets alone after 7 o'clock in winter and 8 in summer.

### FOR FRIENDS AWAY OVER THE SEA.

The Christmas number of the Montreal STAR is coming out in a few days. The bare announcement was sufficient to create widespread rejoicing, for it is safe to say there never was in any country a Christmas paper that was received with such applause as the Christmas number of the Montreal STAR in past years. To this day letters are received from Great Britain expressive of the admiration of the Christmas STAR, called forth throughout England, Scotland and Ireland. The Christmas STAR is a thing to be proud of, and in sending it away to friends one is conscious that it is sure to give immense pleasure to those who receive it. Lucky will they be who can secure a Christmas STAR when there is such a clamor for them.

From dirt comes dirt, from good comes good, from dirty books comes influences which can never be eradicated, the tendencies of which will last forever, and it should be a very serious question in the mind of every parent, guardian and instructor: "What books shall I allow my young charge to read?"—New York Recorder.

No other sarsaparilla has equalled Hood's in the relief it gives in severest cases of dyspepsia, sick headache, biliousness, etc.