



## YOUNG GIRLS

entering womanhood ought to have just the special help that Dr. Pierce's Favorite Prescription can give.

They need to be started right. The "Prescription" aids and promotes the proper functions, corrects the delicate weaknesses and derangements that might become chronic, establishes regularity and health, lessens pain.

They want a nourishing, supporting, strengthening tonic, such as an experienced physician has especially prepared for the female system, in the "Prescription."

In every "female complaint" and weakness, and in all nervous conditions, if it doesn't benefit or cure, the money will be returned.

Miss MAGGIE JACKSON, of Barbree, St. Landry Parish, La., says: "I was lying sick for some time with female complaints, and all the medicine my friends gave me did me no good. Death was approaching; all my friends had given me up to die. I heard of your wonderful medicine, and I bought two bottles of it, and before I had taken the last, I got entirely well. I am still enjoying good health, and expect to praise your medicine every where I go."

**KEEPS YOU IN HEALTH.**

**DUNN'S FRUIT SALINE**  
DELIGHTFULLY REFRESHING.

A safeguard against infectious diseases. Sold by chemists throughout the world. W.G. DUNN & CO. Works—Croydon, England.

**TEABERRY**  
FOR THE TEETH & BREATH.  
PRICE 25c  
ZOPESA CHEMICAL CO. TORONTO.



## A Common Error.

Chocolate & Cocoa are by many supposed to be one and the same, only that one is a powder, (hence more easily cooked,) and the other is not.

This is wrong--  
TAKE the Yolk from the Egg,  
TAKE the Oil from the Olive,  
What is left?

A Residue. So with COCOA.

In comparison,  
COCOA is Skimmed Milk,  
CHOCOLATE, Pure Cream.

ASK YOUR GROCER FOR  
**CHOCOLAT MENIER**  
ANNUAL SALES EXCEED  
88 MILLION POUNDS.

If he hasn't it on sale, send his name and your address to  
**Menier,**  
Canadian Branch,  
12 & 14 St. John Street, Montreal.

The earth, travelling at the rate of 1,000 miles a minute, passes through 550,000,000 miles of space in the course of a year.

The great value of Hood's Sarsaparilla as a remedy for catarrh is vouched for by thousands of people whom it has cured.

Several European sovereigns are renowned for the length of time which they wear their clothes. The record in this respect, however, is broken by the rector of the Berlin University, who has just been compelled to order a new official mantle at a cost of 2,400 marks. The one which he has worn until now was made exactly 192 years ago.

Minard's Liniment Cures Burns, etc.

## SCIENTIFIC AND SANITARY.

The new Simplon tunnel from Brieg, in Switzerland, to Isella, in Italy, will be 12½ miles long.

It is proposed to establish in Richmond a permanent exhibition of the mineral and agricultural productions of Virginia, with which a bureau of information will be combined.

A series of experiments are to be made at Yale College to determine the relation of the nerves to the muscles of the human body, and test a new theory that strength depends less upon the size of the muscles than upon the strength of the nerve.

The Russian Government has shown much interest in the meeting place for the Twelfth International Medical Congress, in 1896. It desires that Moscow be selected as the city, and promises to donate 50,000 roubles toward the expenses of the Congress.

Tower clocks as well as office clocks are now run by electricity to correspond with a distant regulator. A New-England manufacturing firm, engaged in this line of business, now offers to put in a motor to operate the striking apparatus in towers, and to run the motor with a ten-cell zinc and ammonia battery which will last two years without renewal.

Sulphur is already used for bleaching in many industries, and a Providence man, having decided to apply it to the whitening of cheap material for paper, has invented a machine for the purpose. Putting the stock in an airtight chamber, he pumps out all the air he can get. This leaves the pores of the fibre in a condition to admit more readily the bleaching fumes, which are then forced into the chamber and kept there a few hours.

The new White Star liner, Gigantic, is to be 706 feet long, and have engines of 45,000 horse-power. The steamships New York, Paris, Teutonic, Majestic, and Fuerst Bismarck, burn from 1.71 to 1.75 pounds of coal per hour per horse-power. Were the Gigantic's consumption as low as 1.67 pounds, and her actual horse-power only 36,000, she would consume 643 tons of 2,240 pounds each a day, over 3,500 tons during a voyage of 5½ days. And even this big load would in practice be increased by 500 or 1,000 tons, perhaps, as a margin of safety.

The *Indianapolis Sentinel*, in describing how street cars are run by natural gas in that city, says: "The cars are of an ordinary size, but are entirely constructed of natural gas pipes, ranging in size from six inches down. These hollow tubes are neatly carved, so that to the average observer the fact that they are built of such material is not noticed. These pipes are heavily charged with gas, and with the aid of a boiler and the engines at work beneath the floor, it is said a run of thirty miles can be made without refilling the tubes. A speed can be obtained equal to that of cars run by the electric method. It is said that one of the latter will cost \$6,000 for its construction, while a gas car can be made for \$2,000. Either artificial or natural gas can be used as the propelling power."

To prevent collisions between railway trains, a Frenchman, Professor Pellat, has invented a machine by means of which every locomotive on the road regularly registers its position electrically on a scroll of paper at the central office. The scroll is kept slowly moving over a cylinder. Electric contracts are made between points above and below it, which decompose some iodide of potassium in the paper and thus cause a blue stain. This happens every time an engine passes over certain levers arranged beside the track at intervals of a mile, more or less. By watching the scroll a train despatcher can see in an instant where every train is, and if any two of them approach too closely he can stop any engine at the next post telegraphically. An electric signal may be picked up by the locomotive with a "brush" on one of the wheels when it touches the registering fixture.

## Educational.

### BISHOP STRACHAN SCHOOL

FOR YOUNG LADIES

Re-opens on Monday, Jan. 15th, '94

### MONSARRAT HOUSE

1, CLASSIC AVE., TORONTO.

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.

There is a new variation in the old story of the young wife who was anxious to please her husband by cleaning up his meerschaum pipes and rejuvenating his hobbies. The husband, in this instance, had an absorbing and over-mastering passion for rare books. His library was picturesque as far as age could make it. His wife wrote to the editor of a magazine and asked for a recipe for cleaning bookbindings. It proved to be one of the most searching and complete successes ever known. Everything was all prepared, and when her husband returned from a three days' trip to Washington he found his books shining like tin kettles, and without a vestige of age or value about them. Even the gold letter; had been touched up with a small camel's hair brush, dipped in gold leaf, and beside the bookcase sat the smiling and triumphant wife.

He that loses his conscience has nothing left that is worth keeping. Therefore, be sure you look to that, and in the next place, look to your health; and if you have it, praise God and value it next to a good conscience.—Izaak Walton.

### TAKE - NOTICE.

During the year the space devoted to advertising MINARD'S LINIMENT will contain expressions of no uncertain sound from people who speak from personal experience as to the merits of this best of Household Remedies.

C. C. RICHARDS & Co.