

GLASS TO KEEP ROOMS COOL.

An Austrian inventor, Richard Szigmondy, is said to have made a new kind of window-glass whose chief peculiarity is that it prevents the passage of about nine-tenths of the heat of the sun's rays. It is well known that ordinary window-glass allows nearly all of the heat derived from the sun to pass through, but on the other hand intercepts nearly all heat coming from non-luminous sources, such as a stove, or the heated ground. This is the reason why heat accumulates under the glass roof of a hothouse. If covered with Szigmondy's glass a hothouse would become most decidedly a cold house, since the heat could not get into it. One advantage claimed for the new glass is that a house whose windows were furnished with it would remain delightfully cool in summer. But in winter, perhaps the situation would not be so agreeable. Indeed, the panes would have to be exchanged for others of ordinary glass, since otherwise no sun-heat could enter the house.

TRAINS WITHOUT RAILS.

Experiments which are described as satisfactory have recently been made in the suburbs of Paris with a train, drawn by a steam locomotive, running not on rails, but on an ordinary road. The train used at present consists of only two cars one of which contains the locomotive machinery, together with seats for fourteen passengers, while the other has twenty-four seats. The engine is of 16 horse-power and the average speed is about seven miles an hour. The train is able to turn in a circle only 23 feet in diameter. Another train has been constructed for the conveyance of freight. It is hoped by the inventors that trains of this kind will be extensively employed in and near cities.

LUMBAGO CURED.

Dodd's Kidney Pills Did What Doctors Failed To Do.

CHRONIC RHEUMATISM

Gives Way to this Marvellous Remedy, as Do All Afflictions Arising from Impure Blood and Disordered Kidneys.

Did you ever after weeding in the garden, or working over a low bench or table, in a stooping posture, try to straighten up, and feel a sharp pain as of a knife thrust through your kidneys?

That is lumbago. When it becomes chronic it is one of the most agonizing forms of rheumatism. Sufferers from it have been known to commit suicide. They would gladly pay any price for surcease of pain.

Did you ever have it? Do you know what will cure it? Do you know that the same remedy that has made marvellous and many cures of Kidney Diseases of all kinds and descriptions acts as a magic charm upon the excruciating affliction?

The following are copies of letters written the Dodd's Medicine Company, of Toronto, the makers and distributors of this wonderful proprietary medicine:

"Gentlemen,—I have been troubled over two years with the first stages of Bright's Disease. I have used other medicines, but to no avail. I was so bad that I passed blood. Doctors told me I could get no relief. I heard of the wonderful cures Dodd's Kidney Pills had done I concluded to try them. I have used ten boxes, and I am completely cured. You may publish as you see fit, so as to help others.

"Theodore Young,

"Smith's Falls, Ont."

"Gentlemen,—I have been troubled for over one year with female weakness and urinary trouble. I have consulted a doctor, who gave me medicine that seemed to make me worse at times. I would be deaf and short-sighted. I was told of Dodd's Kidney Pills. I got one box, and I have used part of the box, and I am completely cured. My urine is natural now. You may publish this if you like, that it may help others.

"Mrs. George Barnes."

NEW USE FOR X-RAYS.

It is said that the X-rays have been successfully applied in France to the detection of adulterations of food. Where the adulterants consists of one kind of mineral matter, the food is examined in reduced to powder and spread thinly upon glass. An X-ray photograph of the glass reveals the presence of the mineral particles by the failure of the rays to penetrate them as they penetrate the other constituents of the powdered food.

RUNAWAYS PREVENTED.

It is said that runaway horses are almost unknown in Russia. No one drives there without having a thin cord with a running noose around the neck of the animal. When the horse stops as soon as it feels the pressure on its windpipe.

A YOUNG LADY'S ESCAPE

FRIENDS THOUGHT THAT THE SPAN OF HER LIFE WOULD BE SHORT.

At Last With But a Grain of Faith Her Mother Administered Dr. Williams' Pink Pills and She is Now Cured.

From the Montreal Herald.

The world is full of change. There are changes that effect the constitution of the individual, changes that will come, we cannot avert their coming, but we may parry the unsalutary character of their influence. Womanhood in its inception is susceptible of changes that demand the most judicious attention and prudent care to ensure perfect development and happy maturity. These changes are so vital and so subtle in their character that unless the utmost vigilance and discrimination is exercised in the choice and application of reputed remedies the worst results may accrue. The constitution may be undermined and the germs of disease fostered. Vigorous life is at the basis of all enjoyment and success. To be weak is to be miserable. It is therefore fundamental to every interest of humanity that life's red, red stream be kept pure and healthy. Owing to neglect of these particulars many young women have allowed life to become a burden and a wearisome round of duties. Faint and weak very aptly describes their condition after venturing to perform some ordinary household duty. What can be done to accomplish the rejuvenation of these unfortunate ones? There is a remedy widely known and loudly applauded, whose virtues are proclaimed on the house tops and whispered on the streets. Ten thousand mothers have recommended it and twice ten thousand daughters praise it. Read what one of them has to say. In the village of Lancaster there lives Mrs. A. J. Macpherson, widow of the late A. J. Macpherson. She is well and favorably known in the community. Some four or five years ago Mrs. Macpherson sent her eldest daughter to New York. While there she resided with her uncle and attended school, being then only about sixteen years of age. The social life of her temporary home made rather severe demands upon her time, and being ambitious she was anxious to make rapid progress in her studies. In each particular she enjoyed a covetable measure of success, but at no small cost. Many remarked her paleness and loss of color. She began to feel tired and weak after a little exercise, such as a short walk. Miss Macpherson's stay in New York lasted about two years. At this time she ate and slept fairly well. In the spring of 1893 she came home, and her mother could not but remark how changed her daughter was—pale and languid instead of being bright and ruddy. Thinking that nourishing food and perfect quiet, with judicious exercise, would restore the lost vigor and ruddy glow, it was participated in to the fullest extent. For a month this was tried, but still Miss Macpherson was as pale as before, liable to turns of weakness and with an unsatiable desire for sleep. At this juncture the family doctor was consulted. Iron pills were prescribed and a trip to the Thousand Islands taken, the stay lasting about six weeks, during which time everything was done to help her recovery. The friends with whom she stayed came to regard her recovery as extremely doubtful, and when she returned home her mother saw no improvement. One day while making purchases from a dealer in vegetables he (the dealer) took the liberty of making some remarks as to the health of Miss Macpherson, which was obviously not promising. He strongly urged the use of Dr. Williams' Pink Pills. Mrs. Macpherson was not over credulous of the qualities of the Pink Pills, but they were purchased and used to the best advantage. Soon after beginning the use of the pills, says Mrs. Macpherson, I thought I saw a reddish tinge upon her cheek and in the course of a week or so my daughter felt better. The tired feeling began to vanish and the abnormal sleepiness began to yield to the influence of Dr. Williams' Pink Pills. Continuing the use of the pills the progress of her restoration was continuous and complete, and her improved looks were the subject of favorable comment for some time. To-day her health is all that could be desired, and both the young lady and her mother are firm believers in the medicinal virtues of Pink Pills and often recommend them.

Dr. Williams' Pink Pills create new blood, build up the nerves, and thus drive disease from the system. In hundreds of cases they have cured after all other medicines have failed, thus establishing the claim that they are a marvel among the triumphs of modern medical science. The genuine Pink Pills are sold only in boxes, bearing the full trade mark, "Dr. Williams' Pink Pills for Pale People." Protect yourself from imposition by refusing any pill that does not bear the registered trade mark around the box.

MODEST DAMAGE CLAIM.

Thirty-seven million six hundred and fifty thousand francs is the modest sum for which the German Embassy in Paris is about to be sued by "Count" Sidney O'Dann as damages due him for eight years and a half of wrongful imprisonment in Germany. He gives himself as rightful King of Ireland and Chief of the Irish National League, and asserts that he was handed over by the Swiss authorities to Germany on the charge that he had taken part in intrigues of General Boulanger which might have led to war between Germany and France. According to the London Daily Chronicle, he was at one time an officer in the Prussian service, distinguished himself in 1866, was appointed military tutor to the present Emperor, and was degraded and imprisoned during the Franco-Prussian war for floundering. He brings suit in France, as he says it is hopeless to obtain justice from the German Courts.

ALLOWANCES.

Mr. Happy—Yes, sir, I make my wife a regular allowance every week. Don't you yours?

Mr. Henpeck—No-o. She makes me an allowance, when I earn enough.

CHILD SAVING WORK.

The work carried on in the interest of needy Canadian children by Rev. C. W. Watch, of Brighton, Ontario, is meeting with marked success. During the past month he has placed eight children for adoption in good Christian homes.

The work is entirely voluntary; no salaries are paid the workers, and no personal appeal made for funds, but the expenses are met by what is sent in freely by the friends of the needy children to sustain this work of faith and love. Children are received from any part of Canada, the only condition being that they are in need of a friend. Great care is taken in selecting the homes for the adoption of them, and Mr. Watch keeps careful oversight of his charges until they reach their majority. At present there are about a dozen little ones awaiting homes. Parties children are of various ages. Parties knowing of a child in need or desiring a child, should correspond with Mr. Watch.

Funds and clothing may also be sent to him to help support the work.

WAYSIDE SURTLETIES.

Wayworn Watson—These here newspaper writers is too high for me. What is the difference between livin' and existin'? I want to know?

Perry Patetic—Heaps, Miles, Oceans. A man can exist on bread and meat, but he has to have booze to really live.

FROM NEW YORK.

I am a commission merchant doing business in the West Indies. I used some of your Putnam's Painless Corn Extractor when in Canada, and I think it is the best cure for corns I have ever seen. Please send me a few dozen for friends and customers in South America and the West Indies.—William Gould, New York City.

A large deposit of coal has been discovered at Codroy, on the west coast of Newfoundland.

ALMA LADIES' COLLEGE.

St. Thomas, Ont.

This flourishing College will re-open on Jan. 7th, with graduating courses in piano, pipe organ, violin, painting, drawing, education book-keeping, photography, the public school teachers' courses, and selected courses. Rates are moderate, 60 pp. Announcement free. Address, Principal Austin, B. A.

He that will believe only what he can fully comprehend, must have a very long head or a very short creed.—Colton.

Garland Base Burners & Ranges are no higher in price than other first class goods, but are superior in many ways. Any Base Burner or Stove bearing the well known name "Garland" cannot be equalled. Merit all ways tells. Ask your dealer to show you these stoves.

It is not a lucky work, this same "impossible;" no good comes of those who have it so often in their mouth.—Carlyle.

Karl's Clover Root Tea is a pleasant laxative. Regulates the bowels, purifies the blood, clears the complexion. Easy to make and pleasant to take. 25 cents. Sold by all druggists.

There are but three classes of men, the retrograde, the stationary and the progressive.—Lavater.

Be Not Deceived. A Cough, Hoarseness or Croup, are not to be trifled with. A dose in time of Shiloh's Cure will save you much trouble. Sold by all druggists.

The tints of autumn—a mighty flower garden, blossoming under the spell of the enchanter, frost.—Whittier.

DREADFULLY NERVOUS.

Gents:—I was dreadfully nervous, and for relief took your Karl's Clover Root Tea. It quieted my nerves and strengthened my whole Nervous System. I was troubled with Constipation, Kidney and Bowel trouble. Your Tea soon cleansed my system so thoroughly that I rapidly regained health and strength. Mrs. S. A. Sweet, Hartford, Conn. Sold by all druggists.

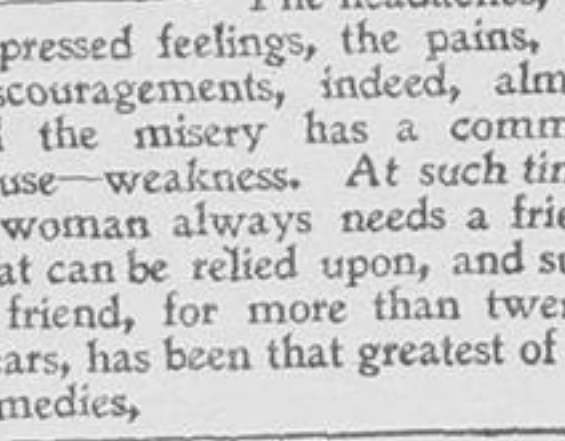
AN EASY ARRANGEMENT.

What in the world have you been marrying for? asked Callow's stern father; you can't support a wife. Nobody said I could. But I got a wife that can support me.

Suffering Women.



Alas! women do suffer. Why, we often cannot tell, but we know there is one great cause, and that is weakness. The headaches, the depressed feelings, the pains, the discouragements, indeed, almost all the misery has a common cause—weakness. At such times a woman always needs a friend that can be relied upon, and such a friend, for more than twenty years, has been that greatest of all remedies,



By its purity and its power it furnishes a prompt relief for women in their hours of need, and if the grateful expressions which come up from the homes of the land about what SAFE CURE has done were printed, they would fill volumes. If you, reader, are a sufferer, can you not take hope from this suggestion?

Write to-day for free treatment blank. Warner's Safe Cure Co., Rochester, N. Y.

Scott's Emulsion



Has been endorsed by the medical profession for twenty years. (Ask your Doctor.) This is because it is always palatable—always uniform—always contains the purest Norwegian Cod-liver Oil and Hypophosphites. Insist on Scott's Emulsion with trade-mark of man and fish.

Put up in 50c and \$1.00 sizes. The small size may be enough to cure your cough or help your baby. At all Druggists.

PAIN CANNOT STAY

Where Nerville—nerve pain cure—is used. Composed of the most powerful pain subduing remedies known. Nerville never fails to give prompt relief in rheumatism, neuralgia, cramps, pain in the back and side, and the host of painful affections, internal or external, arising from inflammatory action. Unequal for all nerve pains.

FACTS IN THE CASE.

It is said that we must all pass away as a tale that is told. That sounds all right; but tales that are told don't pass away—they are forever being told over again.

Cure the Cough with Shiloh's Cure. The best Cough Cure. Relieves Croup promptly. One Million bottles sold last year. 40 doses for 25 cents. Sold by all druggists.

That man may safely venture on his way, who is so guided that he can not stray.—Walter Scott.

DEAFNESS CANNOT BE CURED

by local applications as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; sine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars, free.

F. J. CHENEY & CO., Toledo, O. Sold by Druggists, 75c.

W.P.C 846

Monthly Competition Commencing Jan. 1897, and Continued during year

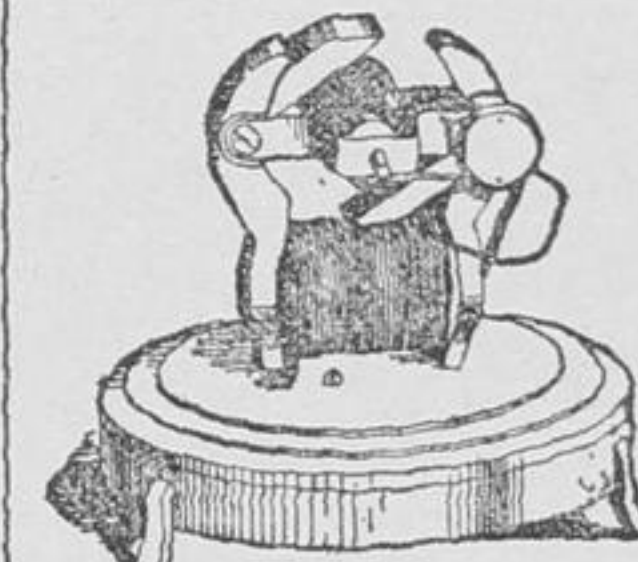
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FOR Sunlight Soap Wrappers

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10 First Prizes, \$100 Stearns' Bicycle, \$1,000
25 Second " \$25 Gold Watch . . . 625
Bicycles and Watches given each month 1,625

Total given during year '97, \$19,500

HOW TO OBTAIN THEM For rules and full particulars, see the Toronto Globe or Mail, of Saturday issue, or apply by post-card to LEVER BROS., Ltd., 33 Scott St., Toronto



\$1.00 Cash For This

Electric Motor Complete with Battery and Chemicals Get one for Christmas. Special price to the trade in dozen lots. Get our catalogue of Electric supplies. Toronto Electrical Works, 41 Adelaide St. West, Toronto.

British Columbia Gold Mines FOR SALE

Trail Creek, Rossland, Kootenay, B. C. Gold Mining Stocks, "Joe's," "Monte Cristo," "Old Ironsides," "St. Elmo," "California," "Alberta" and "Eldon" also "Big Three" Prospect of which will be sent on application. Any stock wanted can be secured. For further particulars apply to A. W. ROSS & CO., 4 King Street East, Toronto.

MARINE BOILERS

Now is the time to order to secure prompt delivery. We make a specialty of boiler work, and are able to take orders at prices, notwithstanding the sharp advance in cost of material.

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Watson's Cough Drops

R. & T. W. Stamped on each Drop. SAUSAGE CASINGS, English Sheep and American Hog Casings. Reliable goods at right prices. Park, Blackwell & Co., Toronto.

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TRADE MARK For Nervous Restlessness, Wind on the Stomach, Colic, and Complaints from Teething, or other Causes. The result of more than twenty years experience as Physician and Nurse, both in Europe and America.

"SALADA"

Ceylon Tea Lead Packets Only All Grocers Black and Mixed 25c., 40c., 50c., 60c. Sold at 25, 40, 50 & 60 cents per lb. PARMENTIER BUTTER PAPERS. We handle best quality only sold in lots to suit purchasers, Park, Blackwell & Co., Ltd., Toronto.

MILLS, MILLS & HALES, Real Estate, Solicitors, 31 St. Andrew's Church, 33 Adelaide St. East, Toronto. Money to Loan. G. G. Mills, B.A.—A. Mills.—Jas. Hales, LL.B.

WANTED—Man or Woman, in every Town and City, to start a Kid Glove Dyeing and Cleaning Works at Home. No experience required with our new Dye and Quilt. \$12 a week easily made. Full Particulars free. Address, ONTARIO DYE WORKS, TRILSONBURG, Ont.

TO INVENTORS. Patents obtained in all countries by International Patent Bureau, 12 Melinda St., Toronto. Longest experience, Lowest rates. Information free. G. O. FREEMAN, Manager R. A. KELLOND, Expert and Examiner.

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Central Business College

Stratford, Ontario A large, finely equipped, old-established institution—NONE BETTER IN CANADA. Best Business Education at Lowest Possible Cost. Graduates always successful. Write for catalogue. W. J. ELLIOTT, Principal.

PROF. CHAMBERLAIN, Eye Specialist. Will not travel any more but can be found at all times at his place of business, 79 King Street East, Toronto. Sold Gold Spectacles, sent by mail for \$3.00, usual price \$5.00.

AGENTS WANTED.

Steady work and good pay to men and women. No experience necessary. Write at once. Address, Standard Silverware Co., 248 St. James St., Montreal, Canada.

154—Young men and women—164 now in attendance at CENTRAL Business Colleges TORONTO—Gerrard and Yonge Sts. Latest and best courses of Business Training. Most thorough and complete facilities for shorthand and typewriting are found in this College. Students assisted to positions. Get particulars. W. H. SHAW, Principal.

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GOLD MINING AND MILLING CO., LTD. Fully Paid-up shares, only 25c. each, in blocks of not less than one hundred shares. This is a developed claim, with shaft 110 feet deep, and all in paying ore, mill tests showing magnificent results. Report of Minister of Mines very favorable. Send to GEO. H. MAURER, Sec'y, 34 Victoria Street, Toronto, for PROSPECTUS.

FOR TWENTY-SIX YEARS. DUNN'S BAKING POWDER THE COOK'S BEST FRIEND LARGEST SALE IN CANADA.

Assessment System. Mutual Principles.

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Is what the Family Needs when the "bread-winner" is gone. Life Insurance Provides Cash When Cash is most needed.

THE MUTUAL RESERVE FUND LIFE ASSOCIATION,

E. B. HARPER, Founder. F. A. BURNHAM, President.

Pays Promptly. It is the largest natural premium life association in the world. It has a Reserve or Emergency Fund of over thirty-four hundred thousand dollars. It has paid policy-holders over Twenty-seven Millions of dollars. Agents wanted in all unrepresented districts. Circulars sent if requested.

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TRADE MARK For Nervous Restlessness, Wind on the Stomach, Colic, and Complaints from Teething, or other Causes. The result of more than twenty years experience as Physician and Nurse, both in Europe and America.

Few Women ENJOY LIFE AS THEY OUGHT. Many are miserable, weak and sickly, and suffer untold miseries through ailments peculiar to their sex. IT IS WRONG. Most all these ill results from WOMB trouble of some sort. No woman can remain weak or ill who uses **COMPOUND MILES' (Can.) VEGETABLE COMPOUND and Miles' Sanative Wash.** Prices 75c and 25c. For sale by all Druggists. They impart vitality and energy, and make the life of the "Mother Bear" worth living. Explanatory pamphlet, "Woman's Triumph," free on application. "A. M. C." MEDICINE CO., 57 St. Paul St., Montreal. Medicines expressed to any address on order.