

**KEY REVIEW**

**WISHED EVERY Morning.**

**Bank of Canada**

Capital \$2,000,000  
Paid up 1,000,000  
Reserve 600,000

**AGENCY.**

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**SLEEPING MACHINES NOW**

**A GROWING NEED OF THEM THESE BUSTLING TIMES**

The Problem of Producing Artificial Sleep is now Occupying Many Scientific Investigators - A Russian Woman Has Issued a Scientific Work on the Subject.

How to obtain sufficient sleep - this threatens to be a stubborn problem of the new century about to dawn over this busy, bustling world. Some learned scientists believe that enlightened man is fast forgetting how to sleep - that insomnia is a necessary requisite of higher intelligence. Scarcely a week passes during which we do not read of a death - self-inflicted or otherwise - caused by this horrible curse, which preys especially upon intellectual men. Improved labor saving machinery is rapidly eliminating all necessity for physical exercise, and exercise of the body before all, is the one great sleep producer. We seem to be drifting toward an age when man must resort to medicine to obtain that state of sleep originally meted out to him by nature, when the sleep producing machine will be one of the necessities of human life.

By the most advanced authorities insomnia is now believed to result from the inability of the organism to drain the brain of blood. Normal sleep appears to occur only when the brain is thus impoverished. By some experimenters it is believed that dreams are caused by small quantities of blood left in the vessels of the cerebrum, but insufficient to impair sleep entirely. The secrets of sleep have been studied by aid of human subjects as well as lower animals. Observations upon these subjects indicated that during sleep the brain turns pale and collapses. At the instant of awakening the blood returns. A touch, sound or other stimulus of the senses during sleep causes the thinking organ to grow warmer, larger and more saturated with blood.

**EXPERIMENTAL MACHINE.**

But how are we to produce artificial sleep, and how must the sleep producing machine be made? Already subjects have been artificially placed in a state of somnolence by clamping the arteries feeding to the brain. His clamps remained in place but a half minute before sleep occurred. Another method of producing artificial sleep by physical means, discovered by Dr. Hammond, of Washington, is to apply an electric current to one of the sympathetic nerves along the spinal column. The tired man of some future age may have to resort to the electric battery for such a purpose. It would be much more comfortable to be lulled to sleep by a mild electric current communicated by a pillow or mattress than to have to attach clamps to the neck.

Some authorities believe that sleep will result from fatigue of the eyes. Machines are now made for producing that condition. They are used especially by hypnotists. The most common form, one which has been recently introduced to us as a box surrounded by two fanlike panels superimposed and revolving horizontally in opposite directions. They are studded with mirrors which throw upon the retina a vibrating food of twinkling light. A ball mounted upon a belt around the forehead and placed high above the head produces the same effect when stared at continuously for five or ten minutes. When we ride in the trolley cars in summer we observe that the constant fanning of the breeze against the eyes causes fatigue of those organs and at the same time drowsiness.

**A RUSSIAN'S INVESTIGATIONS.**

A make of information concerning various treatments prescribed for victims of insomnia is contained in a new scientific work by Maria de Meckene, a Russian woman who has consulted hundreds of the highest authorities on the subject, and who has made many original experiments. Her work has just been translated into English.

Cold water bags applied to the forehead and feet are recommended to produce sleep, since their main effect is to drive from the brain. Hot baths increase the size of the blood vessels of the skin and produce the same effect. Another method of freezing the brain of blood and causing sleep - one which will be found acceptable to everybody - is the eating of a light supper just before retiring. The blood in this case is sent from the brain to the stomach, where it is needed in digestion.

Experiments prove that monotony is an effective source of fatigue to the brain, which organ appears to automatically drain off its blood when fatigued to a normal degree.

**HYPNOTIC MANIPULATION.**

sleep twenty hours a day until ten years old he would doubtless have a feeble mind. Children who sleep too much are found upon investigation to be fatter than those who sleep at a normal rate, but their intellects are dulled and their muscles weaker. Insomnia on the other hand, is always a dangerous symptom in children.

**THE PRUDENT COURSE.**

Updyke is an exceedingly quick-witted chap. So? Yes. For instance, last night, at Jammer's party, he unfortunately stepped on Miss Quirk's dress and tripped in the neighborhood of three miles of ruffle off it.

I see. He immediately mollified her by some exceedingly witty apology. Not much! He immediately disappeared.

**LAVENDER WATER.**

It is not generally known that lavender water is one of the pleasantest of disinfectants. It is said that, sprayed through the rooms of a house situated in a malarial district, it forms a very efficient protection against the disease.

**A SERIOUS EXPERIENCE**

PASSED THROUGH BY ONE OF BROCKVILLE'S BEST KNOWN MEN.

His Legs Gave Out and When He Sat Down He Had No Control Over Them. Williams' Pink Pills Restored Him to Activity.

From the Brockville Recorder. There are few men in Brockville or vicinity better known to the general public, and there is certainly no one held in greater esteem by his friends, than Mr. L. deCarle, sr. Mr. deCarle came from England to Canada forty-four years ago, locating in the county of Glengarry. Eight years later he removed to Brockville and has made his home here ever since. He established the large marble business still carried on by his sons here, and is himself one of the most expert stone-cutters in the Dominion of Canada. He is also well known as an artist in other lines and as a draughtsman has few equals and no superiors. Ample evidence of this is afforded in the fact that when the construction of the Canadian Pacific Railway was begun, Sir Sanford Fleming, chief engineer of the great trans-continental road, requested him to join his staff. Mr. deCarle accepted the position at Sir Sanford's request and remained with the company for nine years, during which time he drew nearly all the profiles of the road and the plans of the bridges between Ottawa and Thunder Bay. His work was commended as the best done by any draughtsman in the company's employ. Since leaving the company's service Mr. deCarle has lived a retired life, enjoying a well earned competence at his cozy home in the west end of the town. Mr. deCarle is possessed of a rugged constitution and had always enjoyed the best of health until the fall of 1896. Then he was stricken with an affection of the limbs which much alarmed him. Speaking with a Recorder representative the other day, the conversation happened to turn upon this event, and the circumstances connected therewith can best be told in his own words. "Last fall," said he, "my legs became in such a condition that when I sat down I had no power over them. I could not move them one way or the other, and I was naturally much alarmed. I was advised to try Dr. Williams' Pink Pills. I had read of their curing cases similar to mine and so I decided to give them a trial. I purchased a supply of the Pills and commenced taking them according to directions, and had only taken them a short time when I found that I was regaining the use of my legs and could raise one up and cross the other without much difficulty. I also remarked to my wife that the pills were doing me much good and she was both surprised and delighted when I showed her with what ease I could move my limbs. I continued taking the pills for about a month and by that time I had full control of my legs as I ever had - in fact was completely cured. I have never had a symptom of the trouble since and am now as well as ever I was. I attribute my cure entirely to Dr. Williams' Pink Pills. In fact it must have been the pills for I took nothing else in the way of medicine, and I cannot too strongly recommend them to anyone afflicted as I was."

**ONE-MAN RAILROAD.**

The simplest public railroad now operated is thought to be one between Atami and Odawara, in Japan. It is a narrow gauge road, and is run by a man power. The cars have seats for four persons each, who sit back to back. A train consists of two or three cars, and is drawn up hill by half a dozen coolies.

**STATE OF OHIO, CITY OF TOLEDO, Lucas County.**

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & CO., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

**CARNATIONS.**

March April May Are the months In which to purify Your blood with Hood's Sarsaparilla.

The system is now In need of such A medicine and Is most susceptible To the benefits

To be derived From it. Hood's Sarsaparilla is Superior to all Other preparations

As a spring medicine Because it is Unequaled for Making pure, Rich, red blood.

**ZOLA'S MOTTO.**

Over Zola's study is the motto, "No day without something accomplished," which rule he has followed all his life. He does not believe in the work that is dashed off, but his method of composition is painstaking in the extreme. When he has to describe a place he always visits it first.

**MRS. HUGHES' CASE.**

The Lady Writes Another Letter to The Dadds Medicine Co.

Five Doctors and a Specialist Said She Had Rheumatism - They Could Not Help Her - Her Trouble Was Kidney Disease - Cured by Dadds' Kidney Pills.

Mr. Morley, Ont. - Interest in the wonderful recovery of Mrs. T. Hughes is still unabated here, and the case is the principal topic of conversation. Mrs. Hughes has received a letter from The Dadds Medicine Co., Toronto, asking what name her doctors gave her disease. Replying, Mrs. Hughes writes thus:

"In reply to yours of the 7th inst., would say that the doctors said I had Rheumatism. They said that my age, 48 years, was against my recovery, that I would be better when I got over the change of life, and that nothing but time would cure me. "I believe I had kidney and bladder disease. I grew worse and worse daily; could eat nothing but cornstarch, or soup, until I began to use Dadds' Kidney Pills. When I was ill I weighed 147 pounds; now I weigh 112 pounds - my normal weight. I beg to state again that Dadds' Kidney Pills saved my life. "Anyone wishing further information may write to me, and I'll gladly give it. "In the face of the emphatic evidence that is coming to light daily, no man can say that Dadds' Kidney Pills won't cure Bright's Disease, Diabetes, Rheumatism, Lumbago, Diseases of Women, and all other ailments caused by kidney trouble. Dadds' Kidney Pills are sold by all druggists at fifty cents a box, six boxes \$2.50, or will be sent, on receipt of price, by The Dadds Medicine Co., Limited, Toronto, Ont."

**A TRUE FRIEND.**

Sells - Well, old chap, it's all settled I am going to marry Miss Mills next month, and I want you to act as best man. Wells - All right my boy; you can count upon me. I never desert a friend when misfortune overtakes him.

Dr. Henry Levers, Quebec, writes: "One of my children sprained her ankle; which became much swollen and discoloured. Some 'Quickcure' was spruced on liberally, and applied, the pain ceased at once, the swelling was gone the next day, and on the fourth day she walked to school as usual."

**THE POPE'S SEAL.**

The seal worn by the Pope, and used by him on official documents to which his signature is attached, has on it the engraving of a fish, with the cipher of the wearer. Since the thirteenth century this character, and it is shrouded with a hammer when the wearer dies, to prevent its use on a forged document.

**RIGHT TO NAME THE STREETS.**

The German Emperor as 'King of Prussia' has the sole right to name streets, and he has just refused his consent to call two streets after the names of Dr. Bertram and Dr. Langenshausen, popular members of the Municipal Council. His Majesty disapproves of such a course during the lifetime of the go-fathers.

**A Query Answered.**

Anxious questioners ask, "Is there no sure cure for corns?" We are glad to be able to tell these sufferers that Putnam's Painless Corn Extractor will relieve them in a day, and extract corns without pain. It never fails.

**IRISH SHIPBUILDERS.**

Irish shipbuilders have been benefited by the English engineering strike, as, while the Clyde output showed a falling off last year of 80,000 tons, one Belfast firm turned out 84,000 tons or more than any other individual firm in the three kingdoms.

**Western Assurance COMPANY.**

The annual meeting of Shareholders was held at the Company's office in this city yesterday. The President, the Hon. Geo. A. Cox, occupied the chair.

The following Annual Report of the Directors, with accompanying Financial Statement, was then read by the Secretary, and, on motion, adopted, viz.:

**FORTY-SEVENTH ANNUAL REPORT.**

The Directors beg to submit herewith a statement of the results of the transactions of the Company for the year 1897, together with the Assets and Liabilities at the 31st December last, and the Auditors' report thereon.

Table with financial data: Balance at credit of Revenue Account is \$149,845.05, and there has been a gain of \$18,381.16 in the value of securities, as compared with their market price a year ago.

**Summary of Financial Statement:**

Total cash income... \$2,283,632.48  
Total expenditure, including appropriate... 2,133,787.43  
Balance... 149,845.05  
Appreciation in value of securities... 18,381.16  
Profit for the year... 168,226.21

**CHINESE LAUNDRYMEN.**

It is said that a good Chinese laundryman can clear \$2 a week, although he pays from \$14 to \$25 a month rent, and sometimes as high as \$40, and hires two or three men at wages ranging from \$6 to \$10 a week. When their very economical habits of living are considered it is probable that they save a large share of their earnings.

**BRANSON'S HIVE SYRUP.**

The most successful and reliable prescription of a distinguished physician for CROUPS, COLDS, Bronchial and Lung Affections.

Contains Honey, Hope, Frank Cabbage Root, Lobelia, Tolu and other most effective ingredients. Pleasant to the taste, it is readily taken by children and is especially effective in Croup & Whooping Cough.

**HIGHEST MARKET VALUE PAID FOR RAW FURS AND SKINS.**

Beaver, Muskrat, Otter, Raccoon, Mink, Fox, Sable, Seal, and all other furs and skins. H. JOHNSON, Wholesale Furrier, 404 St. Paul St., Montreal, Que.

**TIRE CO.**

For the average person, riding the average distance, over the average roads, HARTFORD and VIM Tires are perfection and stand for comfort, safety, durability and longevity. We repair every pair of our road tires FREE OF CHARGE.

**TORONTO TIRE CO., LIMITED.**

WINTER RESORT.

Florida of the North - Rest from snow and the Cold North.

**Hotel Traymore,**

Atlantic City, N. J. Modern and Complete in Every Detail.

Rates the Very Lowest Consistent With First Class Service. The TRAYMORE is one of the longest established beach front hotels in Atlantic City. Home-like and cheerful and enjoys the continued patronage of a quiet and refined class of visitors. Write for all information.

**WINDMILLS**

**ST. CHARLES,**

ATLANTIC CITY, N. J. OPEN ALL THE YEAR. FINEST HOTEL ON THE COAST.

Photographs of Fences.

If you don't know, but wish to see how Page fence looks in actual use, let us send you some of our illustrated advertising matter containing engravings made direct from photographs of Page fence on Canadian farms. You will not regret it. If there is a Page dealer near you, apply to him. If not apply to us.

**THE PAGE WIRE FENCE COMPANY, Limited,**

WALKERVILLE, ONT. P. S. See our "ad" in the next issue.

**SEEDS 12 Varieties 25c**

This is a BONA FIDE offer made to introduce our Vegetable and Flower seeds to new customers and which we guarantee to please you or the amount paid refunded and the seeds given as a present.

At these prices we can ONLY offer the varieties named below. Order by number. Buy what you want. They are sent by mail post paid. Select from the following list:

- 1. Beet, Red Top round
- 2. Beet, Egyptian, flat round
- 3. Beet, Kidney
- 4. Cabbage, Brompton
- 5. Carrot, half long, scarlet
- 6. Carrot, Grosse pointed
- 7. Cauliflower, Italian
- 8. Cucumber, Long Green
- 9. Cucumber, Boston Pickling
- 10. Eggplant, Purple
- 11. Herb, Basil
- 12. Herb, Marjoram
- 13. Lettuce, Boston
- 14. Lettuce, Grand Rapids
- 15. Melon, extra early, Nutmeg
- 16. Water Melon, Early Canada
- 17. Onion, large red Waterfall
- 18. Onion, Yellow Globe Danvers
- 19. Parsley, Holly Green
- 20. Radish, French Breakfast
- 21. Radish, Long Green
- 22. Squash, Hubbard
- 23. Tomato, extra early Atlantic
- 24. Tomato, Heart Champion
- 25. Aster, mixed
- 26. Mignonette, sweet
- 27. Pansy, mixed
- 28. Petunia, mixed
- 29. Nasturtium, tall mixed
- 30. Sweet Pea, fine mixed
- 31. Wild Flower, Garden mixed

**FREE WITH EVERY ORDER**

Providing this Coupon is OUT OUT and sent to us with an order for 12 packets, we will include 1 packet New Giant Chili Salads, worth 25c. Free of Charge TO SUBSCRIBERS OF THIS PAPER.

**WM. RENNIE, TORONTO.**