



Expert bicyclists have already succeeded in riding a single wheel, or unicycle, for short distances. In years to come the unicycle may become as common a mode of locomotion as the bicycle. Only a few years ago people would have laughed at the idea that all the world would shortly be a wheel.

It is not in mechanics alone that the world is making rapid progress. Not many years ago all physicians pronounced consumption an incurable disease. To-day a large proportion of people recognize that it is a distinctly curable disease. Doctor Pierce's Golden Medical Discovery cures 98 per cent. of all cases of consumption. It has stood the test for thirty years. Thousands of people who were given up by their doctors, and had lost all hope owe their lives to this marvelous remedy. It acts directly on the lungs, driving out all impurities and disease germs. It restores the appetite, corrects all disorders of the digestion, strengthens the weak stomach, makes the assimilation of the life-giving elements of the food perfect, invigorates the liver, purifies the blood and tones the nerves. It is the great blood-maker and flesh-builder. It does not make flabby flesh like cod liver oil, but the firm, muscular tissue of absolute health. An honest dealer will not offer you an inferior substitute for the sake of a little added profit.

Miss Mary Whitman, of East Dickinson, Franklin Co., N. Y., writes: "For nearly ten months I have had a bad cough, and instead of getting better, it grew worse. I was told to have consumption. I tried Dr. Pierce's Golden Medical Discovery, and when the second bottle was empty I had no cough and was cured."

Good temper is largely a matter of good health, and good health is largely a matter of healthy activity of the bowels. Dr. Pierce's Pleasant Pellets cure constipation. They are safe, sure and speedy, and once taken do not have to be taken again. One little "Pellet" is a gentle laxative, and two a mild cathartic. They never gripe. Druggists sell them.

Pellets.



YOUNG WOMEN LOVE THE D & A CORSET, it fits so comfortably, supporting the figure, while yielding easily to every movement. It lasts well, and sells at popular prices.—MORAL: **YOUNG WOMEN WEAR THE D & A CORSET.** (5)

If you cannot get beef, mutton will answer. You may choose between milk, water, coffee or tea. But there is no second choice for Scott's Emulsion. It is Scott's Emulsion or nothing. When you need the best cod-liver oil, the best hypophosphites, and the best glycerine, all combined in the best possible manner, you have only one choice. It brings prompt results in all cases of wasting, or loss in weight.

All druggists; 50c. and \$1.00. SCOTT & BOWNE, Chemists, Toronto.

EPPS'S COCOA ENGLISH BREAKFAST COCOA

Possesses the following Distinctive Merits: **DELICACY OF FLAVOR. SUPERIORITY IN QUALITY. GRATEFUL AND COMFORTING TO THE NERVOUS OR DYSPEPTIC. NUTRITIVE QUALITIES UNRIVALLED.** In Quarter-Pound Tins only. Prepared by JAMES EPPS & CO., Ltd., Homeopathic Chemists, London, England.

McDONALD & INMAN Barristers, Attorneys, Solicitors, Notaries, &c. OFFICE—Cameron Block, Victoria Row. **MONEY TO LOAN** J. A. McDONALD. G. S. INMAN.

SCIENCE MISCELLANY. The Latest Advances In the World of Science.

Long Lived Virulence — A Dry Storage Battery, etc., etc.

Some remarkable observations on the longevity of germs in dust have been recorded by Dr. Miguel a French biologist. In 1881 some earth was taken from a depth of ten inches in Montsouris Park, dried for two days at 30° C., and then put away in a dark corner of the laboratory, first being hermetically sealed in tubes. On recently opening the tubes, after sixteen years, it was found that the dust still contained 3,500,000 microbes per gramme, the original number in the soil having been but 6,500,000 per gramme, which the drying reduced to rather less than 4,000,000. From the surviving bacteria the tetaus microbe was isolated, and so wonderful was its vitality that it caused death in guinea pigs after an incubation period of two days.

The stomach movements of a cat have been studied by Dr. W. C. Cannon by means of Roentgen rays. Subnitrate of bismuth mixed with the food caused the wave-like movements of the pyloric portion of the stomach to become clearly visible, about 2500 of the waves being counted during the seven hours a cat was digesting soft bread. A Frenchman, M. Bieunard, uses the X rays for measuring the adulteration of flour with chalk and sand. Comparing the shadows of the sample under investigation and others of known adulteration, it is easy to determine the proportion of foreign matter when as small as three per cent.

Curious effects of a magnetic field upon electric discharges have been described by a German electrician. An arc between a ring of carbon and a concentric rod of carbon may be made to spin round rapidly, and a comet like appendage may be made to revolve round the Cathode in an egg-shaped discharge.

Calcium carbide finds a new application in the treatment of the black rot of grapes, M. G. Rodier having discovered that sprinkling the green grapes with this substance is effective.

The sounds produced by tapping the surface of the body with the finger are dull if a compact organ, like the heart or liver, is underneath, but sonorous if the organ is light and full of gas, like the lungs or stomach. To enable the ordinary ear to detect the character of these sounds when the difference is slight, Drs. Bianchi and Bazzi have devised a new apparatus called the phonendoscope. This so magnifies the sound that the physician is able to trace the outlines of the organs resting against the external envelope of the body, and to mark them in chalk upon the skin. The organs are heard in a living and moving state. They are in perpetual motion, and their position and shape are not those seen in the cadaver but are continually changing according to the position and condition of the body. Abnormal condition as well as size of the organ may be indicated, pneumonia, for instance, giving a dull sound to the lung. Digestion may be studied as never before, and drawings of the stomach by means of the phonendoscope have already shown by the varying distention that liquids pass much more slowly from that organ than was formerly supposed, and that dyspeptics should drink ordinary water, with little of the beverages—such as seltzer water and beer—that expand the stomach by gas.

The expedition of Major Gibbons to cross Africa from Cape Town to Cairo, will have aluminum launches that may be separated into sections for carrying.

Variogated plants of almost any species may be produced, in the belief of a German botanist, by grafting upon that species a nearly allied form having colored leaves. Experiment has shown, moreover, that the shoots of a green species that has been grafted with a variogated one will be variogated. A green plant of Malvastrum capense on which a variogated abutilon had been grafted produced variogated shoots below the graft, while a green plant of Kitiabelia grafted on a variogated abutilon became variogated and gave vigorous cuttings which remained variogated when grown.

A mixture of acetylene with oil gas, in the proportion of one to three, has been adopted on the Prussian state railways for lighting cars. Experiments have proven the mixture to be safe, with much greater illuminating power than oil gas alone, and it can be used without any change in the gas holders or burners now employed.

Incandescent lighting at a third of its present cost is promised if the possible improvement suggested by Prof. Nernst, of Göttingen, should prove to be practicable. Instead of carbon filaments, he uses rods of chalk, magnesite and kaolin, which are remarkable for the large proportion of visible light rays in their radiation, no matter by what means the materials are raised to a high temperature. The lime light and the Welsbach incandescent gaslight are based on this principle. The materials, slightly warmed beforehand to diminish their very great resistance, can be raised to a higher tem-

perature electrically, alternating currents being used to avoid electrolytic action on the material. It remains to be seen whether there are difficulties in operating lamps of this kind that cannot be overcome.

The Sussman accumulator, which feeds a profitable electric lamp lately described at the Mining School of Siegen, is a dry storage battery. The plates are covered with a layer of lead oxide formed into paste with a weak solution of India rubber and sulphate of ammonia, and in place of a liquid electrolyte is used a paste of filter paper reduced to a dry powder, or cellulose formed into a plastic mass. This is saturated with sulphuric acid and filled in between the plates.

A new paint for ships' bottoms has for its chief constituent seaweed, which, green and wet, is ground in oil and then mixed with litharge, lead acetate, turpentine and linseed oil previously well boiled together. This is claimed to solve the problem of preventing shells and seaweeds from adhering to the vessel. Aluminum is plated with copper by welding in the process of Herr Wachnitz, a German engineer. It is claimed that the plated sheets can be soldered, grooved, tinned and nicked, that there is no separation in even the thinnest sheets when rolled or drawn, and that all objections to the use of aluminum are thus overcome.

—Montreal Star: For anyone to pretend that, when the Government proposes to do a certain thing in a certain way and one or other branch of Parliament withholds its approval, the Government may then refuse to do this certain thing in any way and throw the blame on the non-approving House, is surely to put forward a patent absurdity. Let us illustrate this. The Government is under obligation to pay certain Provincial subsidies annually. Suppose that the Finance Minister were to propose to pay them by making enormous land grants to certain party favorites and ing the money required on to the Provinces, keeping for themselves what they could "rake off" from the transaction. One or both Houses of Parliament would almost certainly throw out any bill containing this proposal; but would that relieve the Government of the responsibility of paying the subsidies in some other way? Not for a moment.

Guard the Ankles. A New York doctor noted for his skill in treating women says that to every woman who dies of cold in the head and its consequent ills three die of cold in their feet. He says that nine out of ten colds are caught through the ankles, and that if the ankles were always kept warm and well protected there would be a great decrease in sniffing and sneezing. Women must have found this out, because they are wearing gaiters this winter more than they did before.

A curious custom prevails in Bulgaria. All newly married women are obliged to remain dumb for a month after marriage, except when addressed by their husbands. When it is desirable to remove this restriction permanently, the husband presents her with a gift, and then she can chatter to her heart's content.

"For Colds and Throat Troubles" our regular standard medicine is **Ayer's Cherry Pectoral** J. HEYWOOD, A.M., Professor of Mathematics, Otterbein University, Westerville, O. Medical Advice Free. Address, J. C. AYER CO., Lowell, Mass., U. S.

DR. CLIFT treats CHRONIC DISEASES by the Salsbury method of persistent self-help, in removing causes from the blood. Continuous, intelligent treatment in person or by letter insures Minimum of suffering and Maximum of cure possible in each case. Avoid attempts unaided. Graduate of N. Y. University and the NEW YORK HOSPITAL. Twenty years practice in N. Y. City. Diploma registered in U. S. and Canada. ADDRESS: CHARLOTTETOWN, P. E. I., CANADA. OFFICE: Victoria Row. Accommodations reserved for patients. References on application. Oct 15 1yr

Valuable Brick Property. RUSSEL HOUSE BY AUCTION Wednesday, April 20th. inst At 12 O'clock I am instructed by Joseph Wise, Esq., M.L.A., to sell by auction, on the above date, the Brick Hotel Property on Sydney St., known as the "Russel House," and now occupied by Mrs. John McKinnon. This hotel is built of solid brick, and heated by hot water, and fitted by electric lights, all in good repair. Together with yard and stables in the rear. The property has never been idle, and is one of the best hotels and business stands in the city—with a splendid cellar and large outside hatches. A portion of the purchase money may remain, secured on the premises. Terms at sale. E. H. NORTON, Auctioneer.

The Month of April a Coloring and Re-creating Time.

Diamond Dyes Makes Old Things Look As Well As New.

This is the great spring month for using Diamond Dyes. Old, faded and dingy looking dresses, costumes, skirts, blouses, jackets, capes, shawls, and suits for men and boys are usually looked over with a view of fitting them for another season's wear.

The dyeing operation is an important one and demands care. The great point is to get the right dyes—colors that are pure, bright and warranted fast to washing and sunlight.

The Diamond Dyes the only guaranteed dyes in the world—possess all the important virtues for the production of perfect colors. The popular and tested Diamond Dyes have such an immense demand all over the world that unscrupulous dealers for the sake of large profits, sell vile imitations. If you would have your garments and goods colored richly and permanently, avoid all such imitations.

Refuse all dyes that your dealer tells you are just as good as the "Diamond." Write for book of directions and color card; sent post-free to any address by Wells & Richardson Co., Montreal, P. Q.

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FOR SALE That valuable 10 acre lot situated opposite the Quarrie, on Mt. Ed. Road. Apply to the office of L. L. BEER.

"Round Shouldered" A special type of "Fit-Reform" suit, cut loose and straight, with skilfully moulded collar, which rolls high in front, but low and full, with ample cloth at back, giving more erect appearance, and greater prominence of chest.

Best business suit, for such a form is a **three button Sack** like this—for dress, Tuxedo.

Close fitting body coats as 'Morning', 'Shooting' or 'Prince Alberts' accent the rounded curve of back.

A man may know just how his suit will look on him before he buys, if he selects the right shape of ready-to-wear "Fit-Reform" garments.

Makers' brand and limited price in left breast pocket.

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The new agraffe in the Upright Piano has taken people by storm throughout the musical world.

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