

THE CITY DIRECTORY.

Hotels and Restaurants.
ISLAND HOUSE—Best cigars and liquors. Meals at regular hours. W. DOYLE, Market Square.
BURNETT HOUSE, Ontario St., nearest first class hotel to G. T. R. and K. & P. Stations. T. WILSON, Proprietor.
ALBION HOTEL, corner Queen and Montreal Streets, well situated, with yard and stabling. NELSON SWITZER, Proprietor.
OTTAWA HOTEL, corner of Ontario and Princess Streets. First-class accommodation; yard and stabling. JAMES NORRIS, Proprietor.
SCOTT'S HOTEL, cor. Queen and Ontario Sts. Satisfaction guaranteed. Fine liquors and cigars. Good yard and stabling. A. SIMPSON.
ANGLO-AMERICAN HOTEL, most convenient and popular hotel in city, opposite to G. T. R. station and steamboat landings. Mrs. SHANAHAN.
QUEEN'S HOTEL, 125 Brock St. Stabling for 100 horses; yard for 200 vehicles; rooms for 100 guests; meals at all hours; best cigars and liquors; 3 livery in connection; conveyances to and from trains. A. VANALSTINE, Prop.

Livery Establishments.
F. A. BIRBY, 129 Brock Street, the leading hack and livery stable in the city. Telephone No. 157.
T. C. WILSON, 130 Clarence Street, the largest and longest established livery in the city. Telephone No. 173. Vehicles ready at a moment's notice.
ELDER BROS., New Livery in connection with St. Lawrence Hotel on King Street. First class rigs will always be on hand on the shortest notice.
MCCAMMON BROS., Kingston Horse Exchange, Livery and Boarding Stables, corner of Brock and Beag Streets. A new and stylish outfit of vehicles and excellent horses. Charges moderate.
H. P. WELLS LIVERY, foot of Princess St., is the most thoroughly equipped one in the city, having every style of rig kept in a first class livery. Special rates to opera and commercial men. Telephone No. 10.

Watches and Jewellery.
F. W. SPANGLER, manufacturer and importer of fine jewellery, 317 King Street.
J. A. LEHEUP, watch maker, Jeweller, 63 Brock St., dealer in watches, clocks and diamonds.
SMITH BROS., 345 King St., headquarters for Watches, ranging in price from \$3 to \$200; Silverware and Jewellery.
A. M. BROCK, watchmaker, Jeweller and engraver, has every facility for manufacturing and repairing jewellery in all its branches. Golden Diamond Watch Sign, 90 Princess St.

Groceries and Liquors.
J. HALLIGAN & Co., 33 Brock Street. Family groceries, imported wines, liquors and cigars.
VICTORIA WAREHOUSE, admitted to be the best place in the city to buy groceries, crockery, china, etc. THOS. H. JOHNS.
TIERNY BROS. have removed to their new premises, Brock Street, Market Square, where they show the largest and finest stock of Imported and Domestic Liquors, Teas, Cigars, &c., in the city.

Financial.
CARRUTHERS BROS., Financial Agents, King Street. Money to loan on real estate and other securities.
MONEY TO LOAN in large or small sums at low rates of interest, on City and Farm Property. Loans granted on City and County Debentures. Apply to THOMAS BROS., Manager, Frontenac Loan and Investment Society, OFFICE—Opposite the Post Office.

Fruit, Confectionery, &c.
R. H. TOYE—Try the Milk Rolls and Bath Buns manufactured at the King Street Bakery. R. H. TOYE, Market Square.
THE BEEHIVE—Fine groceries, fine and domestic fruits. JOS. HISCOCK, Masonic Buildings, Market Square.

Cigars and Billiards.
R. NEWLANDS, Princess Street, dealer in cigars, tobaccos, pipes, fishing tackle and pocket books. Finest assortment in the city.
HOLDEN BROS., J. B. and F. W. J. dealers in choice cigars and tobaccos. Pool and billiard room in connection. 239 Bagot St., near Princess Street.

Photographic.
YOU CAN GET BARGAINS in Christmas Cards and Photograph Albums at J. W. POWELL'S, the Photographer.
H. HENDERSON, Photographer. Enlarged Portraits and Views. Satisfaction guaranteed.

Tailoring.
SUITS TRIMMED and made to order, in latest fashion, at JOHN SHANAHAN'S, Market Square. FOR LATEST AMERICAN STYLES, guaranteed to fit, go to A. O'BRIEN'S, 209 Princess St., above Sydney.

Aerated Waters, Etc.
ACKNOWLEDGED by everybody that the finest line of soft drinks manufactured in the city can be found at HINDS BROS., Market Square. They consist of all aerated waters. Prompt attention paid to picnic parties. Telephone No. 163.

Crockery, Glassware, Etc.
E. JONES, 280 Princess Street, has always an excellent stock of express wares, crockery, glassware, baskets and fancy goods to choose from. Registry office for servants in connection.

Plumbing and Gas Fitting.
J. G. BASTOW, practical sanitarian. Plumbing gas and steam fitting, 319 King St. Telephone, No. 62.

Boots and Shoes.
W. ADAMS, mfr. Men's work a specialty. Factory work on hand. Brock St., near Market.

THE LARDER.
BUTCHERS, FARMERS & GARDENERS.
 Prime small hog casings, by tierce, 500 lbs. 25c. per lb.; 6 lbs. 100 lbs. \$30; half kegs, 30 lbs. \$15.00; small quantities, 35c per lb.
 English sheep casings, kegs, of 50 large bundle lbs. \$30; small quantities, 65c per bundle.
 Pure Fertilizer, composed of blood, bone and meat, only \$30 per ton; fine bone meal, \$35 per ton; coarse bone meal, \$33 per ton. F. O. B. Hamilton.

F. ROWLIN & CO., — HAMILTON
PURE MILK AND CREAM
 From Ayrshire Cows at the BAZAAR.

We have made arrangements for a daily supply in Glass, and trust it will be a benefit to the public as well as ourselves.

REES BROS.
 Man. Confectioners.

JUST THE THING FOR PIC-NICS.
 Ginger Ale, Lemon Soda, Birch Beer and Cream Soda—the finest in the city. Davies Gold Medal Ale in pints and quarts.
 Also a fine stock of choice Wines and Liquors.

JAMES THOMPSON,
 331 and 333 King St.
CITY FLOUR STORE.

CHOICE FAMILY & BAKERS' FLOUR
SEED GRAIN, PRESSED HAY, CLOVER AND TIMOTHY SEED.
C. D. FRANKLIN,
 Feb. 4. MARKET SQUARE.

MERIDEN BRITANNIA CO.
 Finest Electro Silver Plate
 Equilibrated Design, Unrivaled Durability and Finish; also
 1847 Rogers Bros.
 Knives, Forks, Spoons, etc.
 Articles bearing this Trade Mark are Genuine Rogers' Goods.

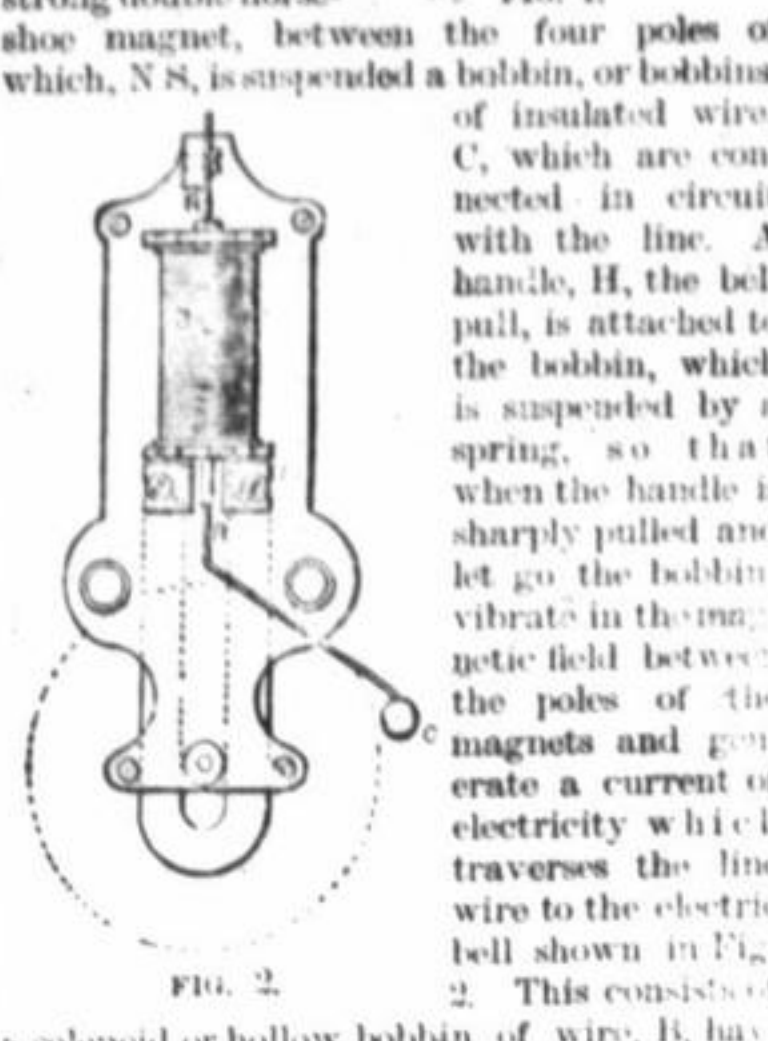
SCIENCE AND PROGRESS.

THAT RARE BIRD, THE KAFFIR CRANE, WITH ITS CURIOUS CROWN.

How Insects and Snakes After Being Cut in Pieces Reunite the Severed Parts and Become Whole Again—Electric Bells that Work Without Batteries.

In electric house bells it is frequently the battery which gets out of order, thus interfering with the working of the system. In the new magnetic bells, which are here illustrated, no battery is used, the bell generating its own electricity by the act of pulling the bell pull.

Fig. 1 shows the portion of the bell which generates the current, and Fig. 2 the actual bell which rings when the current traverses it. In Fig. 1, N S is a strong double horse-shoe magnet, between the four poles of which, N S, is suspended a bobbin, or bobbin, of insulated wire, C, which are connected in circuit with the line A handle, H, the bell pull, is attached to the bobbin, which is suspended by a spring, so that when the handle is sharply pulled and let go the bobbin vibrates in the magnetic field between the poles of the magnet, and generate a current of electricity which traverses the line wire to the electric bell shown in Fig. 2. This consists of a bobbin or hollow bobbin of wire, R, having an iron core passing through its middle. This core is carried by a spring, R, at its upper end, and at its lower end is free to vibrate between the poles of the magnet, N S. It is "polarized" magnetically, so that when the alternating currents in the line coming from the magnet generator (Fig. 1) traverse the bobbin, R (Fig. 2), the core vibrates between the poles of the magnet, N S (Fig. 2). The core carries a clapper, C, which hits the bell, L, at every vibration. Thus the pull on handle, H (Fig. 1), causes the clapper, C (Fig. 2), to strike the bell.



The above describes only one variety of this invention; but there are others, designed for railway stations and large establishments, made on the same principle.

Chloroforming While Asleep.
 There has been considerable discussion of late as to whether it is possible to chloroform persons while asleep without waking them. In confirmation that, under favorable circumstances, this can be accomplished, The New Orleans Medical and Surgical Journal cites the following case which occurred in the New Orleans Charity hospital:

A child 6 years of age was suffering from pleurisy, and it became necessary to draw off the fluid effusion which had accumulated in his chest. He was very much afraid of the operation, and it was determined to attempt it while he was asleep. On the following day, while sound asleep, chloroform was administered without waking the child, and twenty-four ounces of fluid were withdrawn. The child continued to sleep throughout the night, and when it awoke the following morning knew nothing of the operation.

Self Mending Insects and Snakes.
 The secretary of the Scientific Association not long ago reported to the American Scientific Association the interesting case of a snake breaking a snake into pieces from two inches long, from the anus to the tip of his tail—two-thirds of the whole way—then placing a cage over him. On returning to the place, twenty-four hours after, the snake was there, sound and whole, in full length.

In a recent issue of the same journal, a New Hampshire correspondent says: A similar operation is performed by the insect known as the earwig. One resting on a board was cut in two with a knife, when the head half crawled away about a foot, and, after making a circuit, came back to the tail half, butted against it, and was again united with it, when the severed insect became whole—a perfect, living, moving object.

The Kaffir or Crowned Crane.
 The recent arrival in the Central park, New York city, of a Kaffir or crowned crane has attracted attention from naturalists as to the peculiarities of this rare bird. It is from the north of Africa and in some respects is similar to the African Paradise crane, with whom it consorts in the Ethiopian wilds and to which it is said to be allied. It is some three feet in height and measures with the wings opened about six feet from tip to tip. The body is of a gray color, with red on the throat; the breast and back are of pale buff and raven black hues. The wattle is well defined and there is a curious bunch of bristles that grow straight up out of the top of its head. These bristles at times are wide and bushy like a pompon, and again they become closed up like a shaving brush.

Audubon's Tomb.
 The fact that the remains of the great naturalist Audubon lie in an obscure and little visited portion of Trinity cemetery, New York city, may be news to some readers, yet such is the fact. At the late meeting in New York of the American Association for the Advancement of Science, this fact was brought to the attention of the members, and it is believed that in the near future there will be erected a suitable monument to the memory of America's first naturalist. It is proposed by the association referred to that interest be taken in this project by scientists in all departments, and in all portions of the country.

A New Disinfectant from Coal Oil.
 A new disinfectant of great power has been introduced in Paris. It is a brown liquid of sirupy consistence. Water is turned milky by a small addition, and the odor imparted is not disagreeable. An examination of the product justifies the supposition that it is a peculiar sapoxidation of coal oil by caustic soda. It is especially adapted for disinfecting localities where epidemics rage. It cures skin diseases in animals, and gives luster to the hair. It destroys moss and fungus on trees and plants.

Polished Finished Surfaces.
 Oil is usually employed for polishing delicate instruments, which tends to soil those using them. Oil may be advantageously replaced by a mixture of three parts of glycerine and one of alcohol for large surfaces. When small ones are to be treated, pure glycerine can be used.

PHYSIOLOGY AND HYGIENE.

Health of American School Girls—Skin Trouble—Benefits of the Bath.

A society of collegiate alumnae has issued some interesting literature on the subject of the health of school girls. Among some of the causes of the semi-invalidism and increasing number of nervous diseases that exist among even young girls, it enumerates the following:
 1. Social dissipation and excitement.
 2. Habitual loss of sufficient and healthy sleep.
 3. Irregularity and haste in taking food, the omission of breakfast and the use of a stimulating, unwholesome diet, such as condiments, pastry, etc.
 4. Tight, heavy or inefficient clothing.
 5. The ambition of parents and daughters to accomplish much in little time.
 It states that inquiries made in school rooms revealed great neglect of the laws of health on the part of the pupils. In a New York academy a class of sixty girls between the ages of 12 and 18 years chanced to be asked by a visitor at what time they retired the night before. The average was found to be twenty minutes before midnight, but no surprise was manifested by teachers or parent by pupils. Out of ninety girls questioned one morning in a public school, twelve had eaten no breakfast; of these twelve, six had brought no luncheon; the other six had cake, pie or similar indigestible food.

Pimples and Blackheads.

Pimples and blackheads on the face are occasioned, says Herald of Health, by the torpid state of the skin; or, in other words, by the inability of the skin to perform its proper functions. The cause of these spots is nothing more or less than an obstruction of the pores of the skin; the perspiration being allowed to accumulate, the mouths of the pores getting clogged, irritation ensues and a pimple or black head results. The only way to be rid of them is to allow the skin to do its own work, by preserving it in a healthy condition and by keeping the whole system in order. The following ointment is recommended: Take an ounce of barley meal (the finer the better), one ounce of powdered bitter almonds, and a sufficient quantity of honey to make a smooth paste, and apply this frequently.

The Bath.

Every human habitation should contain some convenience for a complete bath in water. In the long catalogue of diseases, says a well known physician, scarcely one can be named in the treatment of which a bath is useless. To those blessed with good health, a bath gives thrift and growth to healthy functions, a brightness and delightful serenity, a clearness of mind and buoyancy of spirit. It is certainly a blessing to both mind and body. For the mental worker it is a nerve tonic. A thorough application of water of proper temperature will calm and give tone to his whole system. The indoor laborer, who gets but a scanty supply of fresh air, needs a bath to obtain the skin invigorating elements of open air.

Over Stimulation of Young Brains.

The practice of giving tea and coffee to young children cannot be too strongly condemned. Childhood is the period when nervous activity is very great. The brain is ever busy in receiving new impressions. Reflex action, co-ordination of the muscles, and the special senses are all under a constant course of training. The nervous system is pushed to its utmost capacity, and long is the list of victims that follow its over stimulations. In little people nothing but harm can come from the use of such cerebral stimulants as tea or coffee.

Remedy for Sleeplessness.

A physician prescribes one simple remedy for sleeplessness: Compose the mind as much as possible and confine the thoughts to one subject, or a number, or individual, and close the eyelids, rolling the eyes continuously in one direction. In a short time consciousness will be lost and you will be in the blissful land of dreams.

One Thing and Another.

Juniper berry tea is good for sick headache.
 A diet of frogs is considered advantageous for those suffering from pulmonary complaint.

To make a soap for whitening the hands, mix thoroughly two ounces each of eau de Cologne and lemon juice, with six ounces of powdered brown Windsor soap.
 As much bicarbonate of soda as one can put on a five cent nickel, dissolved in a small glass of water and taken before breakfast once or twice a week, sweetens the breath and relieves dyspepsia.

SOCIAL ETIQUETTE

Manners and Customs Practiced in Polite Society.

A gentleman always lifts his hat when offering a service to a lady, whether he is acquainted with her or not. It may be, says one authority on the social etiquette of New York, the restoration of a dropped kerchief or fan, the receiving of her money to pass to the cash box of a car, the opening of her umbrella as she descends from a carriage—all the same. He lifts it before or during the courtesy if possible. She bows, and, if she chooses, she also smiles her acknowledgment; but she does the latter faintly and does not speak. To say "Thank you" is not an excess of acknowledgment, but it has ceased to be etiquette.
 When a gentleman accompanies a lady upon whom such an attention is bestowed, he always lifts his hat and says "Thank you." If it is in the giving up of a seat to the lady, he will not seat himself while the obliging stranger is still standing, but will call his attention to the first vacant place should he be unobserant of it.
 A gentleman opens a door for a strange lady, holds it open with one hand and lifts his hat with the other while she passes through in advance of him. He always offers her the precedence, but he does it silently and without resting his gaze upon her, as if he would say: "You are a lady and I am a gentleman—I am polite for both our sakes."
 A gentleman always raises his hat when he begs a lady's pardon for an inadvertence, whether he is known to her or not.

Graceful Speech.

The value of no other social accomplishment can be compared to that of a thorough knowledge of one's mother tongue. The most of us do more or less talking in the course of every one of our working hours, and we impress those that hear us, favorably or unfavorably—as far as our culture is concerned—according to the manner in which we express ourselves. How desirable it is, then, to cultivate all the graces of speech.

Where Bride and Groom Meet.

It is now the fashion for the bridegroom to meet the bride at the altar, whether she is escorted by her father, brother or nearest kinsman.

The Philadelphia Park.

Fairmount park, Philadelphia, is nearly four times as extensive as Central park, New York, having an area of 3,099 acres, while the latter has 824 acres.

ZERO PRICES

—FOR—

NEW - DRESS - GOODS.

DRESS GOODS, in Check and Plain.
 DRESS GOODS, all the Leading Shades.
 DRESS CASHMERES, Special Values.

FINE MOHAIR BRAIDS.

FINE MOHAIR BUTTONS.

John Laidlaw & Son.

FEATHERBONE CORSETS!

We have just received a lot of the Celebrated "Featherbone Corsets." Every pair guaranteed to give perfect satisfaction, and can be washed and laundered without injury. Come and see them.
 Our Dress Goods Stock cannot be surpassed in the city, and we will be delighted to show anything you require in that line.
 See our Cashmeres at 25 cents.

A. J. McMAHON, - 110 Princess St.,
 Agency for Universal Fashion Co's Perfect Fitting Patterns.

FASCINATORS, - CLOUDS,

In White, Lemon, Salmon, Black, Garnet, Cardinal, Navy, Pale Blue, Etc.

White Clouds from 25c up at

R. M'FAUL'S.

NEW CLOAKINGS

JUST RECEIVED BY

RICHMOND, ORR & CO.

Just marked off Two New Pieces of Sealtie, the best value we have shown this season. Also the Large Curl Cloaking in Black, Brown and Grey, in addition to our always large stock of Tweed Ulsterings and General Novelties in Mantle Materials.

Mantles either cut or made up in the Latest Style and Tailor Finish.
 Ask to see the Black All-Wool Double Fold Corkscrew Cloth, which we bought very much under value and are selling accordingly.

RICHMOND, ORR & CO.

LADIES' RUBBERS 35 CENTS

—AT—

ARMSTRONG'S.

We have just received 500 Pairs of Ladies' American Croquet Rubbers, double thick heel and sole, selling for 40c. These are regular 50c goods. All our Rubber Goods fitted with the Hartford Heel Plate. With this plate they will give you double the wear.

D. F. ARMSTRONG, - 141 PRINCESS STREET.

WANTED, AT ONCE,

1,000 YOUNG MEN AND LADIES

To prepare for the HIGH and WELL PAYING SITUATIONS offered by the Directors of this College. We trust our readers are those for whom wealth has a charm, those who desire to EARN MONEY, and who are not afraid to work for it. In that case we will offer them a chance to
Coin Money More Rapidly, More Easily, and as Honorably as at Any Other Occupation.

The advantages we offer are so numerous, the power so mysterious and wonderful, that NO WONDER it has created such a wonderful impression on the minds of the Public. This is no Humbug or Peddling affair, and WE WANT ONLY THOSE who are ambitious in life, those who are smart, energetic and industrious, as they alone are sure of success. A small capital, a short time to prepare, and satisfactory references are only required.
 Address, by return mail.

THE TORONTO BUSINESS COLLEGE,
 Cor. Yonge & Shuter Sts., Toronto, Canada.

HOLLOWAY'S PILLS AND OINTMENT.

THE PILLS Are at all seasons of the year a reliable remedy for correcting any Disorder of the Digestive organs, and for restoring a healthy action to the STOMACH and BOWELS. They act on the Liver and Kidneys with marvellous effect, and by giving strength and tone to these important organs create a circulation of pure and healthy blood. Females of all ages find these Pills invaluable.

THE OINTMENT Heals all recent Wounds, Cuts, Bruises and Sprains and is a certain cure for BAD LEGS, SORES, ULCERS and OLD WOUNDS. It has no equal for the cure of Bronchitis, Sore Throat, Coughs, Colds, Rheumatism, Gout, Glandular Swellings and all Skin Diseases.

Manufactured only by Thomas Holloway, 78 New Oxford St., late 583 Oxford St. London.
 Purchasers should look to the Label on the Boxes and Pots. If the address is not 583 OXFORD STREET, LONDON, they are spurious.

JUST ARRIVED

PALACE BOOT & SHOE STORE
 A Full Line of CHILDREN'S AND MISSES' SCHOOL BOOTS.
 We have also, without doubt, the Finest OIL GOAT BOOT FOR LADIES in the city.

BRESEE & ROCKWELL,
 167 Princess Street, next door to Powell's Photograph Gallery.