

Professional.

A. M. ROSEBRUGH, M.D.
EYE AND EAR SURGEON.
 137 CHURCH STREET, TORONTO

CHAS. LENNOX & SON,
DENTISTS.
 CONFEDERATION LIFE BUILDING
 COR. YONGE & RICHMOND,
 TORONTO.
 Telephone, 1846.

MR. J. D. A. TRIPP,
CONCERT PIANIST and TEACHER,
 Only Canadian pupil of the great composer and pianist, MOSKOWSKI. Concert engagements and pupils accepted.
 TORONTO CONSERVATORY OF MUSIC
 AND 20 SEATON ST.

MR. W. E. FAIRCLOUGH,
 (Fellow of the Royal College of Organists.)
ORGANIST AND CHOIRMASTER ALL SAINTS' CHURCH, TORONTO.
 Teacher of Organ and Piano Playing and Theory
 Harmony and counterpoint taught by correspondence.
 Toronto College of Music, and 6 Glen Road.

MR. W. O. FORSYTH,
 Teacher of piano playing and composition. Pupil of Prof. Martin Krause, Prof. Julius Epstein, and Dr. S. Jadassohn. Modern Principles—Hand Cultivation (technic) and musical intelligence developed simultaneously. Pupils are expected to study diligently and with seriousness.
 Toronto Conservatory of Music, and 112 College St.
 Studio for private lessons, room 2, Nordheimer Building, 15 King St. E.

WALTER H. ROBINSON,
SINGING MASTER AND CONDUCTOR
 GIVES INSTRUCTION IN VOICE PRODUCTION
 Pupils received for study of Musical Theory.
 Open to accept engagements as Tenor Soloist at Concerts.
 Concerts directed.
 Studio—Care R. S. WILLIAMS & SON, 143 Yonge St.

MR. & MISS DRECHSLER-ADAMSON,
VIOLINISTS.
 Will receive a limited number of pupils at their residence, 67 BLOOR ST. EAST.

J. LEWIS BROWNE,
 (Organist and Choirmaster Bond St. Cong. Church)
CONCERT ORGANIST
 Pupils received in Organ, Piano, Harmony and Instrumentation. 130 MUTUAL STREET.
 Reception hours 3 to 5 p.m. daily.

DONALD HERALD, A. T. C. M.,
TEACHER OF PIANO,
 Conservatory of Music, or 271 Jarvis St., Toronto.

MR. A. S. VOGT,
 ORGANIST AND CHOIRMASTER JARVIS STREET BAPTIST CHURCH.
 Instructor of Piano and Organ at the Toronto Conservatory of Music, Dufferin House and Moulton College.
 Residence - - 605 Church Street.

MR. V. P. HUNT
 Pupil of Dr. Carl Reinecke, Herr Bruno Zwintser, etc., of Leipzig, Germany. Pianoforte teacher at the Toronto Conservatory of Music, Musical Director Oshawa Ladies' College, Organist Zion Congregational Church. Teaches Piano, Organ, Harmony.
 Address Toronto Conservatory of Music
 Or Residence, 104 Maitland Street.

MISS DALLAS, Mts. BAC.
 Fellow of the Toronto Conservatory of Music, Organist Central Presbyterian Church. PIANO, ORGAN AND THEORY. Toronto Conservatory of Music and 99 Bloor Street West.



A. McLaren, Dentist
 243 Yonge Street,
 First Class \$10.00, Sets teeth for \$5.00.

SCIENTIFIC AND SANITARY.

The proposal to construct as the great attraction of the French Exhibition of 1900 a monster telescope able to show the inhabitants, if any, of the moon, has been revived, and M. Bischoffsheim is said to be willing to advance 2,000,000 francs toward the cost.

In discussing Dr. Pupin's inventions for increasing the speed of cable telegraphy, the *London Electrical Review* asserts that the British postal-telegraph department has tried shunted condensers without success. But it does not appear that the principle of resonance was tried in that connection.

Professor Karl Gunther, of Berlin, is reported to have discovered a new bacillus, which differs from the comma bacillus in that it exists in the soil and not in water or the organs of the human body. He has named it the vibrio terrigenis, and says that so far as he knows it is perfectly harmless.

Tungsten, which is almost as hard as steel and 50 per cent. denser than lead, is being tried for bullets abroad, experimentally. The metal is more costly, of course, but it would have greater power of penetration. Possibly it would be producible more cheaply than at present if there were a demand.

Take a pail of clear, soft, lukewarm water and a nice soft piece of flannel. Wash the oilcloth and wipe very dry, so that no drop of water is left to soak into it. After washing and drying, if a cloth is wrung out of a dish of skim milk and water, and the oilcloth is rubbed over with this and then again well dried, the freshness and lustre of the cloth will well repay the extra labor.

An ingenious method was recently employed in France of ridding the country of small rodents which had become so numerous and destructive that it was impossible to produce any crop. Every acre of land furnished a home for thousands of these pests. The method adopted was to dissolve some gelatine cultures of pathogenic bacteria capable of producing an infectious disease in mice, then soaking a great number of small cubes of bread in this solution, and placing the bread near the holes every day for three days in succession. Within two weeks from the time when this treatment was begun, scarcely a live mouse was to be found in the district. When the burrows were opened, their galleries were found to be filled with dead mice.

A device by means of which a ship may be towed without a man at the wheel, merely with the guidance of the compass-card, is said to have been tried on a French steamship lately and with excellent results. It is the invention of M. Bersier. In this mechanism a current from a Ruhmkorff coil is passed from the pivot of the needle to the north pole extremity, from which sparks pass to one of two semi-circular pieces of aluminum insulated from each other, the gap between them being set to the desired sailing direction. When the spark passes to one of these the current, by means of a relay, starts a motor in one direction, which in turn operates the rudder, while, if the spark passes to the other piece, it moves the rudder in the other direction.

It appears that some of the Ceylon tea planters are making an organized attempt to obtain a sale for their tea seed in the

Educational.

**BISHOP
 STRACHAN
 SCHOOL**

FOR

YOUNG LADIES

Michaelmas Term Begins Sept. 5th.

UPPER CANADA COLLEGE
 (FOUNDED 1829.)

The Examination for the W. H. Beatty Scholarships will be held on Oct. 2nd, 3rd and 4th.

Fifth Form Scholarship, cash value \$150
 " " " " " 100

These Scholarships are open to boys from any school. The Examinations are unconnected with the College.

Autumn Term begins Sept. 4th. For circulars giving full information regarding Scholarships, course of study, etc., apply to

The PRINCIPAL, U. C. COLLEGE,
 DEER PARK, TORONTO.

W. J. McNALLY,
 Late of Leipzig Conservatory of Music.
 Organist and Choirmaster, Beverley Street Baptist Church, Teacher of Piano.
 Toronto College of Music or 32 Sussex Avenue

MR. H. M. FIELD,
PIANO VIRTUOSO.

Pupil of Prof. Martin Krauss, Hans von Bulow and Reinecke, solo pianist Albert Halle concerts; Richard Strauss, conductor, Leipzig; pianist of the Seidl orchestral tour in Canada, 1892; by invitation of Theodore Thomas, representative Canadian solo pianist at the World's Fair, Chicago. Concert engagements and pupils accepted. Address—105 Gloucester Street, or Toronto College of Music.

Private Tuition in a Clergyman's Family.

The Rev. A. J. Reid, Rector of Uxbridge, 40 miles from Toronto, G. T. R., is desirous of undertaking the education of two boys between the ages of nine and twelve. The boys will have careful training with all home comforts, in a healthy and attractive part of the country.

Reference kindly permitted to the Lord Bishop of Toronto.

For particulars, address The Rectory, Uxbridge, Ont., or E. A. Meredith, Esq., LL.D., Toronto General Trusts Co., Toronto.

London market. A parcel of seven bags of that article was offered at the drug sales recently, but no one seemed to know what to do with it, and although the broker declared his belief that the drug was a "favorite medicine in China," the audience remained unmoved. Nevertheless, the tea seed might have been worth purchasing for the sake of the bland oil which it contains, to the extent of about 35 per cent. by weight, and which resembles olive oil in color and somewhat in taste. The seeds are about the size of a cherry stone, subglobular in shape, and of a deep brown color. The oil would be useful for burning or lubricating.—*London Chemist and Druggist.*

The Bell Telephone Company,

Walkerton Agency, May 15th, '94.

Dear Sirs,—I sold your Acid Cure for 20 years, and during that time I never heard of a case that was not relieved and cured by its use. I have recommended it in bad cases of Eczema, Ring-worm, and never knew it to fail (when properly used) to effect a cure.

Yours truly, W. A. GREEN.

Courts & Sons.

Minard's Liniment for sale everywhere.