1. 29, 1888.



THE ORGAN OF THE CHURCH OF ENGLAND IN CANADA.

THE NORTH AMERICAN LIFE Scientific American.

Vol. 11.]

TORONTO, OANADA, THURSDAY FFBRUARY 5, 1885.

No. 6.



r walls and ical experi-

Paper,

I Exhibition

ION IN 1886.

Cauadian rep

1985, and a

EXHIBITION

ONAL EXHIBI

the cost of fre to Antwerp, and lao. of returning their .not beau

id be ready



OUR STOCK IS WORTHY OF INSPECTION.

We have the finest stock of SEAL MAN-TLES in Toronto, and all kinds of Ladies and Gents FURS, ROBES, COATS, &c., &c.

W. & D. DINEEN.

Corner King & Yonge Sts. TORONTO.

OX & CO.. Members of the Stock Exchange.

STOCK BROKERS,

26 TORONTO STREET. TORONTO.

WINDEYER & FALLOON. ARCHITEUTS.

R. C, WINDEYER, Canada Permanent Church work a specialty. Bldgs., Toronto St. JOHN FALLOON.

STEWART & DENISON, Architects, &c. &c. 64 KING ST. EAST, TORONTO. DENISON & ROGERS, PETERBORO.

Full Government Deposit, DIRECTORS. Hon. Alex. Mackenzie, M.P., ex-Prime Minister o Canada, President. Canada, Fresident. Hon. Alex. Morris, M.P. P., Vice-President. John L. Blaikie, Esq., Pres. Can Landed Credit Co., Vice-President. Hon. G. W. Allen, Senator. Hon. B. Thibadeau, Senator, Montreal. Hon. D. A. Macdouald, Ex-Lieutenant-Governor of Ontario. Andrew Robertson, Esq. President Montreal Harbor Trust. L. W. Smith, D.C.L., President Building and Loan L. W. Smith, D.O.L., From the Control of Association. Association. W. R. Meredith, Q.C., M.P.P., London. H. S. Strathy, Esq., Cashier Federal Bank. John Morison, Esq., Governor British Am. Fire John Morison, Esq., Governor British Am. Fire Assur. Co.
E. A Meredith, Esq., I. L.D., Vice-Prest. Toronto Trusts Corporation.
H. H. Cook, Esq., M.P.P.
A. H. Campbell, Esq., President British Can. Loan & Investment Co.
D. Macrae, Esq. Manufacturer, Guelph.
E. Gurney, Jun., Esq., Director Federal Bank of Canada.
Wm. Bell, Esq', Organ Manufacturer, Guelph.
John N. Lake, Esq., Broker and Financial Agent.
Edward Galley, Esq., Capitalist
B. Hughes, Esq. (Messre, Hughes Bros., Whole-sale Merchants).
James Thorburn, Esq., M.D., Medical Director. James Thorburn, Esq., M.D., Medical Director. James Scott, Esq., Merchant; Director Dominion Bank Wm. Gordon, Esq., Toronto. Robert Jaffray, Esq., Merchant. W. McCabe, Esq., LL.B., F.I.A., Managing Direc-An Unrivalled List. The Steinway Piano. WEST END HARDWARE HOUSE. The Chickering Piano, the Haines Piano. 313 Queen Street West,

ASSURANCE CO.

ncorporated by Special Act of the Dominion Parlia-

ment.

It is quite unnecessary to say anything in praise of these instruments. The first tw

HE most popular Weekly newspaper devoted to science, mechanics, engineering, discoveries, inventions and patents ever published. Every number illustrated with splendid engravings. This publication furnishes spiesdid ebgravings. This publication furnishes a most valuable encyclopædia of information which no person should be without. The popu-larity of the SCIENTIFIC AMERICAN is such that its circulation nearly equals that of all other papers of its class combined. Price, \$3.20 a year. Discount to Clubs. Sold by all newsdealers MUNN & CO., Publishers, No 361 Broadway, N.Y. PATENTS. Munn & Co., have also practice before the Patent Office, and have pre-

(Established 1846.)

pared more than (ne fundred Thousand applications for patents in the United States and applications for patents in the United States and foreign countries. Caveats, Trade-Marks, Copy-rights, Assignments, and all other papers for securing to inventors their rights in the United States, Canada, England, France, Ger-many and other foreign countries, prepared at short notice and on reasonable terms Information as to obtaining patents cheerfully given without charge. Hand-books of informa-tion sent free. Patents obtained through Munn & Co. are noticed in the Scient fic American free

& Co. are noticed in the Scient fic American free The advantage of such notice is well understood by all persons who wish to dispose of their patents.

Address MUNN & CO., Office Scientific American, 361 Broadway, New York.

New Publications.

MARRIAGE CERTIFICALES, -Artistically designed and printed in colors. CONFIRMATION CERTIFICATES. - Eight kinds, 15 cents to 75 cents per doz., all beautifully printed in colors.

CHOIR PROGRAMMES -- Arranged by experi-enced choirmaster. \$2.25 per 1000. Send 2 cent stamp for samples and prices. Prize Medal for ornamental printing at exhibi-ion of 1884.

> TIMMS, MOOR & CO., 23 Adelaide St. East, Toronto.

> > TORONTO.

New Books. MEMOIR OF BISHOP GOBAT \$2 60 EGYPT AND BABYLON, by Geo ..

Rawlinson, D.D HEART FELLOWSHIP WITH 1 75 CHRIST, by Rev. W. Poole, Bal-

ford 1 25 AROUND THE CROSS, Mission Sermons, by Rev. W. Hay, M. H.

Aitken. M A 1 00 THE "I AMS" OF CHRIST, by S.

H. Giesy, D.D 1 50 THE TWOFOLD LIFE, by A. J.

Gordon, D.D 1 25 HE PROPHETS OF CHRISTEN. DOM, Bishop Carpenter..... 1 25

THE DIVINE ORIGIN OF CHRIS-

TIANITY, by Richard S. Storres. 3 50 THE POETS OF THE CHURCH, E.

F. Hatfield, D.D **3 0**0 HOW TO SEE JESUS, with fullness

of Joy and Peace, by J.W.Kimball 75 HOW SORROW WAS CHANGED IN-

TO SYMPATHY, by Mrs. Prentiss 90

Sent, post paid, on receipt of Price.





A GENTS. We pay good men from \$75 to \$150 per month. We stand ahead and lead all rival tea houses and the only tea house in Canada having a English Importing house Connection, our Special Blends being put up for us in London, England. If we are not represented in your District write for particu-lars. Address, Canada Pacific Traing & Im-porting Co'v, 120 Bay St. Toronto. J. Arthur McMurtry, Secretary and Manager.

GEORGE EAKIN, ISSUER OF MARRIAGE LICENSES, COUNTY CLERK. Office-Court House, 51 Adelaide Street East. House-138 Carlton Street, Toronto. FRASER & SONS. Late Notman & Fraser, Portrait Painters, Photographers, &c. FINEST WORK. LOWEST PRICES.

