

**H. T. SMITH,**  
Brass-Founder, Plumber, Steam and  
Gas Fitter, and  
**SODA WATER MACHINE MAKER.**

Nickel Silver, Show Cases and Sash Bars;  
Gas and Coal Oil Chandeliers, on hand  
and made to order.

95 QUEEN STREET WEST.

ALSO, PROPRIETOR OF

**TORONTO STEAM SODA WATER MANUFACTORY**  
TEMPERANCE ST., WEST OF BAY ST.

Soda Water, Lemonade, Sarsaparilla, Ginger  
Ale, Ginger Beer, and every description  
of Aerated Waters of first quality.

The trade supplied with Bottles  
(ready capped), Corks,  
Colouring Syrups,  
&c., &c.

Parties in the city wishing to rent **SODA  
WATER FOUNTAINS**, will please apply at  
once to ensure filling of their orders. 1-ly.

**CANADIAN  
SCHOOL BOOK DEPOT,**  
65 KING STREET EAST.

**ROBERT McPHAIL,**  
General Stationer and Account Book  
Manufacturer,

Importer of English, French, German and  
American Fancy Goods.

To his large and well-assorted stock of the  
following articles he begs to call special at-  
tention:

Albums,  
Brushes,  
Brooches,  
Combs,  
Cutlery,  
Courier Bags,  
Dominoes,  
Druggists' Sundries,  
Ear Rings,  
Ladies' Satchels,  
Musical Instruments,  
Purses,  
Playing Cards,  
Pipes,  
Rings,  
&c. &c. &c.

Toronto, May 1868.

1-ly

**R. C. JAMIESON & Co.,**  
MANUFACTURERS OF EVERY DESCRIPTION OF  
**Varnishes and Japans,**  
DISTILLERS AND IMPORTERS OF  
**American Turpentine, Benzine,**  
**Rosin, Pitch, Tar, &c., &c.**

DEALERS IN

Linseed Oil, Leads, Paints, Colours, &c.

R. C. J. & Co., have business connexions through-  
out the Dominion of Canada.

Orders promptly attended to and forwarded with  
despatch.

MONTREAL, June, 1868.

3-6mo

bility in acid is much decreased thereby, and  
it is still much employed in solution, a heat  
above 212° should never be employed, and  
druggists purchasing should select that of a  
brown color, rejecting the bright red and in-  
soluble preparation.

**New Alcoholometer.**—A new and very  
ingenious method of determining the strength  
of alcoholic liquors, has been devised by  
Basile Rakowitsch, of the Russian Navy. It  
is based on the fact that chloroform readily  
dissolves alcohol but takes up but a minute  
quantity of water: if then, a mixture of  
alcohol and water be shaken with chloroform,  
the water will separate, and can easily be  
estimated. The instrument used by M.  
Racowitsch is a graduated tube, into which  
a known quantity of chloroform is poured,  
and to this is added a given quantity of the  
liquid. On being well agitated, the liquor is  
left to subside when the water will be found  
floating in a distinct layer on the top, and can  
be at once read off by means of the graduations  
on the tube. We have not yet tried this plan,  
but it seems feasible, and if so, will be of  
great service to druggists and others who  
have determinations of this kind to make.  
The amount of absolute alcohol, contained in  
a given amount of any tincture could be ob-  
tained without having recourse to the pro-  
cess of distillation—a process, by the way,  
which requires more than ordinary care to  
yield exact results. In such instances, the  
hydrometer is of no use, as the extractive or  
resinous matter contained in the tincture ren-  
ders the indications of the hydrometer false.  
We recommend a trial of this new method to  
our readers.

**Lucifer.**—THE PATENT SAFETY MATCHES  
manufactured by Bryant & May, contain no  
phosphorus whatever. The match is pre-  
pared by dipping the usual splints of wood in  
a mixture of oxidizing substances, as chlorate  
of potash, red lead, or binoxide of manganese.  
The friction surface on the box is prepared  
with amorphous phosphorus, and the match  
is, with difficulty, ignited in any way except  
by rubbing on this surface. Amorphous  
phosphorus may be prepared by various pro-  
cesses, but that most generally adopted, on  
the large scale, is to expose phosphorus to a  
heat of about 450° out of contact with oxygen,  
as in an atmosphere of carbonic anhydride,  
or dry carbonic acid gas. The phosphorus by  
this treatment suffers neither increase or de-  
crease in weight, but becomes of a red color,  
and is sensibly altered in its properties. It is  
not liable to ignite, and can be preserved in the  
air without risk. It is no longer poisonous,  
and is not soluble in the ordinary solvents  
of phosphorus. On being heated to 500° it  
returns to its former condition and properties.

**Apprentice, Halifax.**—The Botany prizes  
are open to all comers, and are not subject  
to repeal in the case of Nova Scotians. It is  
likely that the best manner of preparing and  
preserving specimens will be made the sub-  
ject of a paper in this journal. We wish you  
success.

**CHANGES.**

R. Owen has become a partner in the  
establishment of J. T. Shapter, Toronto.  
Business is continued at the old stand, Yonge  
street.

A. W. Wallis, of Kleinburg, Ont., has  
removed to 287 Queen St. West, Toronto,  
and will carry on his business as before at  
the new stand.

**PARSON BROTHERS,**  
Wholesale Dealers in and Manufacturers of  
**GLASSWARE, LAMPS,**  
**PAINTS AND COLORS.**

Refined Petroleum of very best quality

Lubricating Oils in endless variety.  
Paints and Colors ground by ourselves, Dry  
or in Oil.

Our prepared Linseed Oil contains Dryers and  
Thinners. For Painting purposes it will answer  
fully as well as the most expensive Paint oils. A  
very extensive stock of LAMP GOODS of all kinds,  
and at a wide range of prices. Sole Agent for

**SPENCER'S IMPROVED FRUIT JAR.**

AGENCY OF THE MONTREAL VARNISH CO.

**51 FRONT STREET, TORONTO.**

Best Prices Low, Terms Liberal. 3-ly

—TO—

**CHEMISTS & DRUGGISTS.**

The undersigned desires to bring before the  
Notice of the Trade, his

**CHERRY TOOTH PASTE.**

It is the most agreeable and at the same time

**THE CHEAPEST ARTICLE**

In the Canadian Market, and will fully jus-  
tify any recommendation it may receive.

For Price, address

A. HARVARD,

Manufacturer, 290 Queen Street.

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**DUNSPAUGH & WATSON,**  
**KERRY, CRATHERN & Co.**

**TORONTO.**

1-ly.

**H. NERLICH & CO.,**

IMPORTERS OF

**French, German, English & American  
FANCY GOODS,**

German Toys, Watches, Jewelry, Musical Instru-  
ments, Looking Glass Plates, &c.,

**IMPORTED & DOMESTIC CIGARS,**

Havanna and other Leaf Tobaccos,

**NO. 2 ADELAIDE STREET WEST  
TORONTO, ONT.**

H. NERLICH.

F. BACKER.

N.B.—For the quality of our Goods any Druggist  
in Toronto can be referred to. 1-6m.

**PROPRIETARY ARTICLES.**

**A** XLE Grease.  
Fly Papers to retail, at 3 and 5 cents.  
Fluid Magnesia.  
Condition Powders for Horses.  
Hunter's Blistering Oil do.  
Universal Liniment. do.  
Indelible Ink.  
Carmine "  
Jet Black "  
Oriental Hair Wash.  
Electric Hair Dye.  
Buchan's Anti-Bilious Pills.  
Buchan's Mixture.

Together with all the other popular Patent  
and Proprietary Medicines of the day.

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