

**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.

**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

remedied by the addition of a few drops of  
sulphuric acid to the iron solution. Thirdly;  
omitting to pour off the supernatant liquid  
from the precipitate, as soon as possible, and  
adding fresh water. J. C. L. will be no longer  
troubled with a "dirty yellow" phosphate if  
he observes these points, but will find his pre-  
paration of a fine blue color, characteristic of  
a well prepared article.

*Enquirer.*—What is OIL OF COGNAC, and  
how is it made? *Enquirer* may have to ask  
this question very often before he receives a  
satisfactory answer. It is a substance used to  
impart the flavor of brandy to spirit, and  
made by processes kept inviolably secret by  
the manufacturers, and varying widely in  
in their results. By some it is termed  
"anathic ether," but its composition is not  
to be expressed by any single chemical com-  
pound, Anathic ether and pelargonic ether  
are so nearly alike that chemists cannot de-  
cide the difference. We can say, however,  
that pelargonic ether, prepared by the oxida-  
tion of oil of rue does not resemble the oil of  
cognac, of commerce, in odor, or flavor. The  
true oil of cognac was, at first, obtained from  
the distillation of the lees of wine, of which,  
3000 parts of the distillate yielded one of oil.  
It is prepared still, in France, by this method,  
but, we imagine the New York manufactur-  
ers find a difficulty in procuring the wine lees  
and have turned their attention to other  
sources.

Oil of cognac is a mixture of the ethers of  
some of the fatty acids; we are not prepared  
to say which, but must leave the matter to  
your own experimenting.

T. P. R. wants to know the difference,  
commercially and chemically, between benzole  
and benzine, or benzene, and also whether the  
so called benzole, obtained from the destilla-  
tion of petroleum, is identical with the ben-  
zole from coal tar.

Commercially speaking, the naphas ob-  
tained from coal tar and petroleum, both go  
by the names benzole and benzine, although  
the former is more commonly applied to the  
product from petroleum, while the latter is  
employed to denote the coal tar product  
which is sometimes used for removing grease  
stains from cloth. Both varieties can be used  
with equal advantage for this purpose, but  
the coal tar benzine has by far the pleasant-  
est odor.

Chemically speaking there is no difference  
between benzole and benzine, and those  
names are applied to one and the same sub-  
stance, that is, the compound— $C_6H_6$ , =  
hydride of phenyl, obtained from coal tar; or  
by heating benzoic acid with caustic lime: of  
specific gravity 0.85; and boiling between  
80° and 86° C. (176° to 186° F.). The nap-  
tha of petroleum is a different substance, al-  
though it is said to contain a small portion of  
true benzine. It is made up of a number of  
hydrocarbons whose boiling points range from  
86° to 120° F. (Petrouze and Cahours,) and of  
varying specific gravities—never, however, so  
high as that of benzine. The so called ben-  
zole is therefore improperly named, and is  
not identical with coal tar benzole.

**CHANGES FOR JANUARY.**

Lane & Perry have bought out the busi-  
ness formerly carried on by Fredrum & Huff-  
man in Elora. Charles Brent, of Port Hope,  
has taken J. B. Woodhouse as a partner,  
The style of the new firm will be Brent &  
Woodhouse.

**PARSON BROTHERS,**  
Wholesale Dealers in and Manufacturers of  
**OIL, 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.

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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Messrs. LYMAN, ELLIOT & Co.,

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.

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

**PROPRIETORY 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.  
Carmino "  
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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Toronto.

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corner of King, Toronto.