

Professional.

DR. C. J. RODGERS,
DENTIST
Suite 5, Oddfellows' Buildings, Corner
Yonge and College Sts.
TORONTO. Telephone 3904.

MR. A. S. VOGT,
ORGANIST AND CHOIRMASTER JARVIS
STREET BAPTIST CHURCH,
Teacher of the Pianoforte and Organ at the Toronto
Conservatory of Music, Dufferin House and Moulton
College.
RESIDENCE, 605 CHURCH ST.,
TORONTO.

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, F.C.O., ENG.
ORGANIST AND CHOIRMASTER ALL SAINTS'
CHURCH, TORONTO.
Teacher of Organ, Piano and Theory
Exceptional facilities for Organ students. Pupils
prepared for musical examinations. Harmony and
counterpoint taught by correspondence.
GLEEN ROAD OR TORONTO COLLEGE OF MUSIC.

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 simultane-
ously. Pupils are expected to study diligently and
with seriousness.
Toronto Conservatory of Music, and 112 College St.
Studio for private lessons, room 2, Nordheimer Build-
ing, 15 King St. E.

W. KUCHENMEISTER,
VIOLIN SOLOIST AND TEACHER,
Late a pupil of the Raff Conservatory at Frankfurt-
am-Main, and of Professors H. E. Kayser, Hugo Heer-
mann and C. Bergher, formerly a member of the
Philharmonic Orchestra at Hamburg, (Dr. Hans von
Bulow, conductor.)
Studio, 15 King St. W., Messrs. A. & S. Nordheimer.
Residence, Corner Gerrard and Victoria Sts.
Telephone 980.

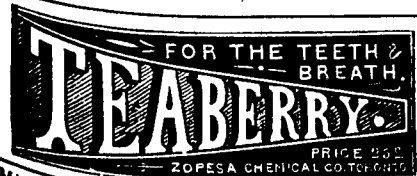
MISS DALLAS, Mus. BAC.
Fellow of the Toronto Conservatory of
Music, Organist Central Presbyterian Church. PIANO,
ORGAN and THEORY. Toronto Conservatory of Music
and 99 Bloor Street West.

MRS. & 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. Churc
CONCERT ORGANIST
Pupils received in Organ, Piano, Harmony and
Instrumentation. 72 SHUTTER STREET.
Reception hours 3 to 5 p.m. daily.

MR. H. KLINGENFELD,
CONCERT VIOLINIST AND TEACHER.
Open for Concert engagements and a limited num-
ber of pupils.
505 Sherbourne Street.
or Toronto College of Music.

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



Minard's Liniment Cures Disteraper.

SCIENTIFIC AND SANITARY.

Submarine masonry is now made impervi-
ous to water by coating it with coal-tar, a pro-
cess that is quite efficacious, even at a depth
of fifty feet.

The total tonnage of war-ships launched
during the year 1893 by the most active naval
Powers was as follows: France, 52,188
United States, 40,050; Great Britain, 28,290;
Russia, 17,326.

In an article in the *Revue Scientifique*, M.
L. de Djeri claims that aluminium will soon
replace tin for many purposes. For equal
volumes the price of the two metals is not
very different, and the alloys of aluminium
with copper, etc., are superior to those of tin.

Some experiments have recently been made
for the purpose of developing an aluminium
bullet, to be used in place of lead in rifle car-
tridges. It is calculated that a soldier can car-
ry about 200 rounds. In testing the penetrat-
ing properties, it is said that they have been
found to be superior to lead.

Fulgurite is the name given to the new ex-
plosive brought out a short time ago in France
by Raoul Pictet, of ice machine fame. It is
claimed to be superior in its effects, both as an
industrial and as a military agent, to any of the
explosives now known and in use, and to en-
tail none of their dangers of manufacture.

A four-wheeled waggon whose motive power
is supplied by a benzine engine has been satis-
factorily tested in Germany. It is intended to
carry passengers through city streets or coun-
try roads, and can be run at the rate of half a
cent a mile. The waggon and engine can be
made for \$500. The speed is as high as 15
miles an hour.

Recent experiments made in France show
that a vibrating steel disk attracts a light mica
disk, placed near it, with great force. This
effect is due to the action of the vibrating disk
on the air around it, and is about 250 times as
powerful at a distance of two millimeters ($1\frac{1}{2}$
inches) as it is at 10 millimeters. To produce
the same result electrically would require a
difference of electrification of 600 volts.

At the North Pole there is only one direc-
tion—south. One could go south in as many
ways as there are points on the compass card,
but every one of these ways is south; east and
west have vanished. The hour of the day at
the pole is a paradoxical conception, for that
point is the meeting place of every meridian,
and the times of all hold good so that it is any
hour one cares to mention. Unpunctuality is
hence impossible.

Did you ever think of taking a lung bath?
One's lungs need cleansing as surely as do the
hands or face. This is especially true after one
has been in a crowded hall or church, breath-
ing in so many impurities. How can one take
a lung bath? By simply drawing a deep breath,
and then expelling the air from the lungs.
You will feel wonderfully refreshed thereby,
and the general health will be improved—
Harper's Young People.

The great electrical manufacturing concern
at Berlin has introduced a new insulating ma-
terial which is intended to replace rubber and
vulcanized fibre. It can, it is claimed, be
turned, filed and drilled more easily than hard
rubber; fine screw-threads can be cut on it,
and it can be polished. It does not attack
metals, and can be used in place of marble and
slate for switchboards. It resists a tempera-
ture of 450 degrees F., and is unattacked by
hydrochloric or dilute sulphuric acid.

Analysis of a large number of specimens of
soda-water in India, make it probable that it
is a source of infection, that supplied by one
dealer having about 9,000,000 microbes to the
pint. Though most of these are harmless, the
same means for reaching the water that are open
to these are of course open to dangerous ones.
The longer the water stands after making,
however, the less harmful it is, the gas with
which it is charged poisoning the bacteria, and
the high pressure due to the warm climate of
India probably aiding its action.

Unlike the Dutch Process

No Alkalies

—OR—
Other Chemicals

are used in the
preparation of

W. BAKER & CO.'S

Breakfast Cocoa

which is absolutely
pure and soluble.

It has more than three times
the strength of Cocoa mixed
with Starch, Arrowroot or
Sugar, and is far more eco-
nomical, costing less than one cent a cup.
It is delicious, nourishing, and EASILY
DIGESTED.

Sold by Grocers everywhere.

W. BAKER & CO., Dorchester, Mass.

R. R. R.

RADWAY'S
READY RELIEF.

CURES AND PREVENTS

Coughs, Colds, Sore Throat, Influenza, Bron-
chitis, Pneumonia, Swelling of the Joints,
Lumbago, Inflammations, RHEUM-
ATISM NEURALGIA, Frost-
bites, Chilblains, Headache,
Toothache, Asthma,

DIFFICULT BREATHING.

CURES THE WORST PAINS in from one to twenty
minutes. NOT ONE HOUR after reading this ad-
vertisement need any one SUFFER WITH PAIN.

Radway's Ready Relief is a Sure Cure for
Every Pain, Sprains, Bruises, Pains
in the Back, Chest or Limbs.

It was the First and is the Only
PAIN REMEDY

That instantly stops the most excruciating pains,
allays inflammation and cures Congestions, whether
of the Lungs, Stomach, Bowels, or other glands or
organs, by one application.

**ALL INTERNAL PAINS, Cramps in
the Bowels or Stomach, Spasms, Sour Stom-
ach, Nausea, Vomiting, Heartburn, Diarrhoea,
Colic, Flatulency, Fainting Spells, are re-
lieved instantly and quickly cured by taking
internally as directed.**

There is not a remedial agent in the world that
will cure Fever and Ague and all other malarious,
bilious and other fevers, aided by **RADWAY'S PILLS**,
so quickly as **RADWAY'S RELIEF**.

25 cents per bottle. Sold by all Druggists.

RADWAY & CO.,

419 St. James Street, Montreal.

RADWAY'S
PILLS,

Always Reliable.

Purely Vegetable.

Possess properties the most extraordinary in
restoring health. They stimulate to healthy action
the various organs, the natural conditions of which
are so necessary for health, grapple with and
neutralize the impurities, driving them completely
out of the system.

RADWAY'S PILLS

Have long been acknowledged as the
Best Cure for

**SICK HEADACHE, FEMALE COMPLAINTS, INDI-
GESTION, BILIOUSNESS, CONSTIPATION,
DYSPEPSIA, AND ALL DISORDERS
OF THE LIVER.**

Price 25c. per Bottle. Sold by Druggists.

Minard's Liniment Cures Colds, etc.