

To have the Best Bread
and Most Delicious Cakes

USE
"QUAKER
PATENT
FLOUR,"

The Quality is the Highest
and Never Changes

Would Standardize
Electric Railways

Professor Howe Reviews Century of
Progress in Electrical Engineering

TORONTO.—Long distance trans-
mission of electrical power may yet
take place by direct currents of high
voltage, instead of by the alternating
current system which is now standard
for high pressure lines. This was the
possibility suggested by G. W. O. Howe,
D.Sc., professor of electrical engineer-
ing at the University of Glasgow, in
the address which he delivered as
president of the engineering section
of the British Association recently.
Lord Kelvin, said Prof. Howe, was
the first to champion the new direction-
al system as opposed to the alternating

current method, notwithstanding the
successful operation of the early al-
ternating installations at Niagara
Falls and elsewhere, was the original
sponsor of this idea. The constant
current principle has again been
brought to the fore by the demonstra-
tion on a commercial scale at the
British Empire Exhibition, of machin-
ery for efficiently producing direct
currents of sufficiently high voltage
to permit their application to long
land lines, without undue waste, Dr.
Howe reported.
Formerly the only practical means
of producing high pressure direct
current was by linking in series a
large number of dynamos. This re-
quired very careful insulation. The
new device, known as a thyratron,
has been developed during the last
three years, obviates this difficulty,

but it works on a different principle.
The high voltage is secured by the
use of step-up transformers as usual,
and the ebb and flow current from
these is converted into a steady sup-
ply by the use of a rotating Com-
mutator, which switches over the
reverse half of the current of each
pulsation.

Sales of Life
Insurance in Canada

Sales of life insurance in Canada
for the month of July, 1924 were 6 per
cent above those for July, 1923, according
to figures just published by the Life
Insurance Sales Research Bureau of
Hartford, Connecticut. Companies
which do over 83 per cent of the Canadian
business reported an actual volume of
sales of \$32,205,000 as compared to
\$31,529,000 in July 1923. The sales
for the year to date of seven months
of 1924 were \$228,236,000 as compared
to \$207,791,000 for seven months 1923,
an increase of 12 per cent. Sales for the
12 months ending July 31, 1924 were
\$222,000,000 as compared with \$317,
252,000 for the similar period of 1923,
an increase of 12 per cent.
Comparing July, 1924 sales with
those of July, 1923, the provinces of
Alberta, British Columbia, New Brun-
swick, Ontario, Quebec and Newfound-
land show increases and Manitoba,
Nova Scotia, Prince Edward Island
and Saskatchewan show decreases. New-
foundland heads the list with an in-
crease of 28 per cent.
The citizens of Hamilton, Montreal,
Ottawa, Quebec, Toronto, Vancouver,
and Winnipeg all show increases, both
for July of this year, and for seven
months of 1924 as compared to seven
months of 1923. Ottawa shows the
greatest increase for the month and
Quebec the greatest increase for the
seven months.

May Remain Govt. Monopoly

The match trade in France which
had formerly been a government
monopoly and was to have been
abolished as such and left open to
private enterprise under the terms
of the Finance Law voted by the
French parliament last March at the
request of Mr. Poincaré's adminis-
tration, may remain a government monopoly
after all, according to a recent deci-
sion of the finance commission of
the chamber of deputies which, how-



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Muscles Supple and Relieve
Strains by Using
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ever, recommends a complete re-
organization of this industry.
The Bankers Trust Company of
New York is advised in this connec-
tion by its French Information Ser-
vice that a new bill has been intro-
duced in the chamber of deputies which
aims at creating a separate and fi-
nancially autonomous administration
for the manufacture of matches on the
half of the government. This adminis-
tration would have to render accounts
annually to the minister of finance,
but would not be dependent upon the
voting of budgetary credits for its
working capital. The necessary funds
for the initial equipment of this in-
dustry with the most modern machin-
ery would, according to the proposed
bill, be provided by public loan. It is
expected that this measure will come
up for discussion before the French
chamber during the Autumn session.

EDMONDS, B.C. (CP)—Armed with
an old-fashioned "blunderbuss" or
sawed-off shotgun, a burnally woman
is said to have chased a gang of mun-
icipal workmen off a ditch-making
job they had been ordered to do, and
to have declared that no work should
be done in that particular district
until the road to her home was com-
pleted. The workmen hastened to the
municipal hall, where they stated that
the woman had threatened to kill
them, then to shoot the engineer and
finally herself. The magistrate has
asked for an explanation.

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Love In The Wilds

When I am standing on a mountain
crest,
Or holding the tiller in the dashing
spray,
My love of you leaps foaming in my
breast,
Shouts with the winds and sweeps to
their foray;
My heart bounds with the horses on
the sea
And plunges in the wild ride of the
night,
Flaunts in the teeth of tempest the
large glee
That rides out Fate and welcomes
gods to fight,
Ho love, I laugh aloud for love of
you,
Glad that our love is follow to rough
weather—
No fretful orchid hothoused from the
dew,
But hale and hardy as the highland
heather;
Rejoicing in the wind that stings
and thrills,
Comrades of ocean, playmates of the
hills.
—Richard Harvey.

One Third of Youth
Attend High School

TORONTO, Aug. 12.—Fifteen years
ago only 6 per cent of Ontario's
youth attended the High Schools;
about 5 years ago, about 10 per cent
took advantage of the secondary edu-
cation provided, and the proportion
of those who continue at school after
passing the entrance examination is
still increasing. "As a result of the
enforcement of the Adolescent School
Attendance Act, more than 30 per
cent of the boys and girls of the
province are actually proceeding in-
to the secondary schools," said J. P.
Covley, provincial school attendance
officer, in an address to the educa-
tional science section of the British
Association today.
"The Adolescent School Act of 1919,
which raised the compulsory school
age to sixteen years, resulted from
the demand for vocational as well as
for broader general education," he
stated.
"The enforcement of the act is not
meeting with any serious objections,
although in 1922 a disturbing
amendment was made by the Farmers'
Labor government to appease cer-
tain farmers." The legislation has

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been put into effect gradually, inspec-
tion for Covley reports, and the result
that all adolescents fourteen and fif-
teen years of age are in full time
attendance at school, or usefully em-
ployed, and school attendance depart-
ments have been organized. Associat-
ed with the increased popularity of
secondary school education, has been
a marked increase in the attendance
at elementary schools.
"Part-time instruction for exempt-
ed adolescents is being provided in
certain cities, and plans are being
formed in others where such instru-
tion is necessary," the speaker stat-
ed.

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