

A Whole Year's Shines.

Get a "NUGGET" Outfit-Brush, tin of polish and polishing pad-cardboard boxes, 60c.; metal boxes, 75c .- and with three extra tins, 45c., you can have a shine every day for a year.

RUGGET Shoe Polish

Internal and External Pains are promptly relieved by DE THOMAS' ECLECTRIC OIL THAT IT HAS BEEN SOLD FOR NEARLY FIFTY YEARS AND IS TO-DAY A GREATER SELLER THAN EVER BEFORE IS A TESTIMONIAL THAT SPEAKS FOR ITS NUMEROUS CURATIVE QUALITIES.

QUEEN'S STUDENTS

STATIONERY SUPPLIES OF ALL KINDS. DANCE INVITATIONS AND PROGRAMMES A SPECIALTY.

SCRIBBLING PAPER-500 SHEETS 30c. BRITISH WHIG PUBLISHING CO., Limited PHONE 243.

DAINTY CAFE

The place where dining out is truly a delight

PRINCESS ST.

OPPOSITE BIBBY'S

FOR SALE

House-Solid brick, 8 rooms, 5 bedrooms, electric lights, gas, 3 piece bath; furnace in fine location, on Johnson Street.

House, solid brick, 2 story and attic, 11 rooms, 7 bedrooms, electric lights, gas, 3 piece bath, hot water heating, hardwood floors 1st and 2nd flat; excellent cellar, sun posch; all newly decorated. Excellent loention-Barrie Street.

M. B. TRUMPOUR 237 Bagot Street



IF A CYLINDER LEAKS

in your automobile engine, if it fails to give the power you have a right to expect from it, the chances are there is a crack or a break in it somewhere. Our welding will remedy that in short order and it will pay you to let us fix it up for you. All metal breaks quickly mended with oxy-acetylene welding.

Bishop Machine Shop KING AND QUEEN STREETS

GRAVES BROS.

PLUMBING, TINSMITHING, STEAM HEATING, HOT AIR AND HOT WATER HEATING

All work given our personal careful attention. HOUSE FURNISHING HARDWARE

211 Princess Street

Phone 332

Now Is The Time

To prepare for colder weather and make your buildings warm and weatherproof.

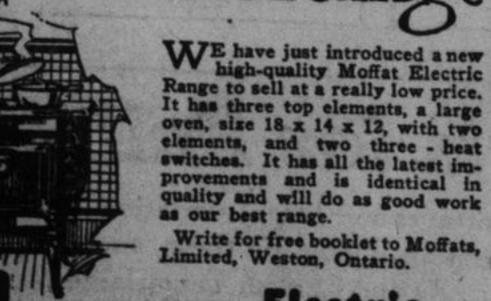
Our stock of Builders' Hardware, Tools, Ready Roofing, Glass, Putty, Roofing Paint, etc., is very com-

Phone your needs and they will receive our imme-

Lemmon & Sons

187 PRINC ESS STREET





The Public Utility Hydro Shop 68 Princess St., Kingston, Ont.

ville's fuel controller, has again been day morning aged seventy years. eppointed by the provincial govern- The Hon. John Sprott Archibald at Belleville for the coming winter chief justice of the superior court,

Thomas F. Wills, who was Belle, London, Ont., physician, died Tuesment controller for the fuel situation has resigned his position as acting Montreal. The resignation will Dr. Charles S. Moore, a prominent take effect on October 7th.

BY LIEUT JOHN R. IRWIN U. S. AIR SERVICE (RESERVE)

ELECTRIC MEASUREMENTS.

APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

While the average individual has ; arrangement will hold any adjust-

Will readers interested in these radio articles kindly communicate

AERIAL OF AMERICA'S BUSIEST STATION.

structed much like ordinary telegraph lines-but (and this is

the important feature) the aerial is nine miles long! All the

big European stations mentioned transmit on different wavelengths, and they may all be received at Riverhead at one and

the same time. Riverhead's unique aerial has solved much of the problem of interference and static. The man in the picture

Company, Schenectady, N.Y. (East-

12 noon, U.S. Naval Observatory

12.30 p.m. Noon stock market

ern Standard Time).

is throwing the grounding switch.

To-day's Radio Programme.

Wednesday, September 27th.

Station WGY, General Electric

they are placed.

PRECISION VARIABLE AIR CONDENSERS.

In the immediate preceding articles are several simple methods detecting the current in a wire, and the direction of the current flow and magnetic effect. These methods also provide us with means of current measurement.

The heating effect of the current is utilized in hot wire instruments where the increase in length of the heated wire is utilized to move a pointer over a dial. These principles are used in a great variety of instruments for the measurement of current. The amount of current is read from the dial or scale of the instrument. The scale is usually graduated at the time when the instrument is standardized, in a unit called the "ampere." The instruments are called "ammeters." The ampere is a unit the magnitude of which has been defined by international agreement. In its definition, the method previously described of attaching the ends of a charged wire to two metallic plates immersed in a solu-

no need for the above type of

precision condenser, there are

clubs and associations whose ex-

this description.

with the editor by mail?

periments require instruments of

The illustration shows a .005 mfd condenser containing a total

of fifty-six semicircular fixed

plates and fifty-eight semicircular

variable plates. The plates of the

upper half of the condenser are

mounted on the opposite side of

the shaft from the similar lower

plates, thus effectively balancing

the system mechanically. This in three capacities.

tion of some substance like copper sulphate. Inere will be chemical change in the solution accompanied by a deposition of the metal copper on one of the plates. The mass of a metal which is deposited out of a solution by an electric current depends on the product of the strength of the current by the time it is allowed to flow. Thus a certain current flowing for 100 seconds is found experimentally to be able to deposit as much of a metal as a current 100 times as

great passing for one second, etc. The ampere (properly called the international ampere) is that unvarying current which, when passed through a neutral solution of silver nitrate, will deposit silver at the rate of .001118 gram per second.

This neans of measuring current is not done in actual every day practice, but it is by the above method that the measuring instruments in titual use are standard-

ment regardless of the position

circular bakelite-dilecto end

pieces, the upper of which is in turn fastened to the top of the

condenser and is made of the same

polished material. On the top is

These condensers are mounted

the rotary control knob and

pointer, which is provided with an

in oak cabinets and provided with

calibration charts. They are made

engraved 180 degree scale.

The system is fastened to two

In Art and Medicine at Toronto Un-

reasons be economic or merely the natural result of a general stiffening in entrance requirements, it was nevertheless apparent at the close of the first day for registration yesterday at the University that the freshman year in all faculties will be considerably smaller than in any year since the close of the war. Such is the opinion of the various registration officials, even after making allowance for the last-minute rush today and the inevitable late-comers.

rolment is most marked in the faculty of medicine, for fairly obvious reasons. The length of the course has been increased from five to six years, and at the same time partial honor matriculation is required for admission, which entails an additional year at a high school or collegiate institute. Only 43 registered yesterday for the first sear in medicine, and it is expected that the number will not exceed \$0 when the registration is completed to-day.



and the scene of the story is laid in old Quebec.

FARMERS HOLDING WHEAT

Looking for Higher Prices in Saskatoon District.

nearly so much wheat is being thrown on the market this year as in 1921, according to the report of the Dominion statistician for the Saskatoon district. The farmers appear to be finding some means of holding their crop for better prices. Eighty-five per cent. of the wheat is threshed in this district and 75 per cent of oats. Weather conditions are ideal, labor supply normal, and there are plenty of machines for the work.

TO STOP PADEREWSKI.

Toronto Jews Protest Against His

Appearance. Toronto, Sept. 27 .- Toronto Hebrews and Poles are combining in a movement to prevent Paderewski, world famous planist and former president of Poland, from giving his advertised plano recital here next week. The Daily Hebrew Journal to-night stated that a mass meeting would be held publicly to protest at Paderewski being allowed to play here, and to lay plans to prevent the recital being held. Paderewaki displayed marked anti-Jewish Poles were successful in stopping his



ent. It is receiving messages almost continuously from Bordeaux, France; Carnarvon, Wales; Stavanger, Norway; and Nauen and Eivedeses, Germany. Yets its aerial system, instead of being supported on huge towers of giddy beights.



Blue=jay to your druggist

The simplest way to end a corn is Blue-jay. A touch stops the pain instantly. Then the corn loosens and comes out. Made in a colorless clear liquid (one drop does it!) and in extra thin plasters. The action is the same.

Do not suffer another day with Itching, Bleeding, or Protruding Piles or Hemorrhoids. No surgical operation required. Dr. Chase's Ointment will relieve you at once and afford lasting benefit. 60c a box; all dealers, or Edmanson. Bates & Co., Limited. Torento. Sample box free. Pain Stops Instantly O DADING

FEWER REGISTRATIONS

Toronto, Sept. 27 .- Whether the

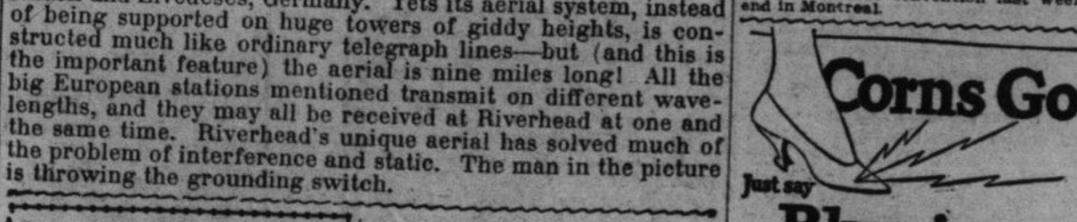
The falling off in the first-year en-



GORDON HILL GRAHAME
Of Stony Lake, Ont., winner of the
prize of \$2,500 offered by three Canadian publishing firms for the best Canadian novel. The title of the prize-winning novel is "The Bond Triumphant,"

Saskatoon, Sask., Sept. 27 .- Not

sentiment while president of Poland, and that New York Hebrews and recital there.



FOR THAT HOUSE YOU INTEND BUILDING SEE OUR STOCK OF

> Hemlock, Spruce, Pine and Fir



A BUSINESS MAN'S LUNCH

We have made a specialty of the business men's lunch. At the noon hour, drop in at The Victoria . Cafe. Our quick,

courteous service and a menu for those of the most discriminating taste will assure you of a pleasant noon-day lunch.

854 KING STREET

THE VICTORIA CAFE JEWLY LEE, Manager.

TELEPHONE 762.

R-A-D-I-0

Our only business is RADIO. That's why we are always ready to supply you with all the latest and best in RADIO. Complete sets installed anytime, anywhere. Out-of-town people! Write for information or ar-

rige a date for demonstration. BOYS! Build your own Crystal Sets. We have all the right parts at right prices. Come and see us.

CANADA RADIO STORES RIGHT GOODS AT RIGHT PRICES

269 1/2 Princess Street Phone 1207 J. Radio SA

Kingston's First and Only Exclusive Radio Supply House

"A Terrible Experience"

"I Recall My Experiences with the Burglar with Feelings of Horror!"

"How would you feel if you wakened in the middle of the night with a flashlight shining in your eyes and the gruff voice of a man threatening that, 'If you make the slightest noise, I'll shoot?' That was my experience the end of last March when my husband was away in the woods and I was alone with my three children. Rverytime I think of this experience a shudder passes over me and as long as I live I shall remember it. At the time I really thought I would die. It's a wonder my heart did not stop beating. I was so weak that even if I had any desire to move, I could not. I was bathed in a cold, clammy perspiration. Even to recall the shocking details now makes me shudder. It was a result of this shock that I contracted a high fever and for hours at a time I was delirious. I got so bad that the doctor finally gave up. at a time I was delirious. I got so several of my friends to whom I have bad that the doctor finally gave up recommended it." Mrs. McC. of.... hope of my ever recovering, but by careful nursing, I was finally pro-nounced out of danger. The shock and if you can conscientiously say,

had left me so weak, that, for no reason whatever, I would suddenly burst into tears. All the life seemed bottle to him and he will refund your to have been taken out of me. I kept | money. For sale by the Mahood Drug Co.

For Acidity or Bile

When your upset

Beecham's Pills act as a splendid tonic to the digestive organs. They remove acidity and fermentation and excess of bile from the stomach and bowels and promote the secretion of the gastric juices. In thus correcting morbid conditions and stimulating the digestive processes Beecham's Pills naturally have an excellent effect upon the general health. If you have lost your appetite or are suffering from nausea, sick headache, constipation, or giddiness

Beecham's

Fall Brings Forth a Variety of Pretty, New Patterns in

Women's Footwear

Our new Shoes for early Fall have just been received and embrace the best of the new popular ideas in Pumps and Oxfords. Excellent in quality.

The Sawyer Shoe Store

Phone 159. 184 Princess St.

There is giways one thing that has right the first time. It is her husto wait for a woman. You guessed it band.