

Now Would You

Buy a pair of Women's Genuine Dongola Kid Laced Boots, Kid Tip, Military Heels, Silk Top Facing that are ACTUALLY WORTH \$2.00 in any other store in Canada, for

\$1.18 a Pair

We bought 300 pairs that were made up for a Western Dealer at a low price and are offering our customers a chance to obtain a bargain

King Street Store

WATERBURY & RISING

Rain for forty days. Don't get wet but get Umbrellas and Rubbers at A. B. Wetmore's, 59 Garden St. Ladies' and Children's Boots and Shoes.

BROKEN LOTS

In the Men's and Young Men's Suit department that must be closed out regardless of value. Stylish and correct Suits at greatly lowered prices.

\$8.00 For Single and Double Breasted Suits, Fancy Tweeds and Worsteds, well made and stylishly cut, that were extra good value at our original price of \$12.

\$13.50 For Fancy Worsteds and Tweed Suits that we sold so many of at \$18, with all the proper style details, desirable fabrics.

\$15.00 For high grade, hand tailored Fancy Worsteds Suits that were \$22 and \$20. Stylish, perfect fitting, handsomely trimmed.

\$1.00 For Fancy Vests, washable, values up to \$1.75. We bought too many and our error of judgment is a decided gain to you.

\$1.50

Gilmour's, 68 King St.
CLOTHING AND TAILORING

SUMMER UNDERWEAR AT LOW CASH PRICES

If you want to keep cool in this hot weather, try a suit of our Underwear, QUALITY THE BEST and prices THE LOWEST.

Fancy Balbriggan 35 and 50c. per Garment
Light Weight Merino 50 and 75c. Garment
Best Make of English Underwear All Wool \$1.50 per Garment

MONEY REFUNDED IF GOODS ARE NOT SATISFACTORY.

The CASH CLOTHING STORE

C. Magnusson & Co., 73 Dock Street, St. John N. B.

AMUSEMENTS.

SEE STOCKHOLM AT THE NICKEL TODAY

One of the most interesting travel views it has been the good fortune of the Nickel to secure is the chief attraction for today and Thursday in the trip around the great Swedish capital Stockholm on top an electric tram-car.

The birdseye views from the famous Belvedere heights show the substantial city off in all its beauty and impressiveness. These pictures were taken in May last. Swiss winter sports and Moritz are also on the list, introducing a horse trot, a hockey match, etc., and winding up with a fancy dress carnival.

The fictional pictures are sparkling new and are: A Jealous Flancon and An Unyielding Parent. Both these are Pains Freres creations, gorgeously scenic and cleverly enacted. The people of St. John are appreciating the travel scenes shown at the Nickel greatly, and the attendance of their children at the matinee evidences the whole-hearted approbation of parents in this educational form of amusement. The songs are Tipperary, and When Sweet Marie is Sweet Sixteen.

PIEROTT and MIPHISTO AT THE UNIQUE.

All who visit the Unique Theatre today and tomorrow will be treated to one of the greatest sights ever beheld by mortal eyes. The leading film, "Pierott and Miphisto" is the strongest grandest and most weird pictures ever produced. The colorings are magnificent and the lighting changes of the different characters is almost beyond belief. The next picture is a comedy that has been most favorably spoken of by the press in different parts of the United States. It is entitled, "The

Fat Baby." This monstrous infant weighs over 200 pounds and is always getting himself into all kinds of trouble. The attempts of her parents to take care of her are very laughable. Another of the pictures is called, "Avonced," and tells the story of a young and innocent girl who was lured from home by a villain, and after a short time forsaken. She returns home to die and her elder sister after taking an oath over her dead body to be avenged, kills the man who betrayed her.

The last picture, "The Leap Year Proposal," an excellent comedy. Miss A. Cutous, the famous soprano, who is making a great hit this week, will be heard in a new song. Will Harrison will also be heard in the latest New York hits.

HAPPY HALF HOUR.

Lovers of good singing will have the biggest treat today that has yet been given to patrons of the Happy Half Hour. Miss Holmes will sing The Rony. This selection is too well known to need any comment, and it is needless to say that Miss Holmes will do it full justice. Mr. Buchanan will sing Oh, I Have Sighed to Rest Me. This selection is taken from the well known "prison scene" in Il Trovatore, and is the gem of the entire opera. That Mr. Buchanan will be heard to excellent advantage in this number no one will question. The new pictures are Black Eyed Susan, or the Lass that Loved a Sailor, a dramatic picture; Invisible Fluid, a laugh producer as funny as Liquid Electricity. Another comedy that will be appreciated by those who have searched for a seat in the square is In Search of a Seat. Prof. Titus will sing I'll Love You Just the Same, and Harry LeRoy will sing I'm Starving for One Sight of You. Same show afternoons and evenings. Those who can would do well to attend in the afternoon or the first evening show, as after that it is S. R. O.

Go Where You Will; Look Where You Will,

the Fact Remains That You'll Not Find at Any Other Store Such Values for Your Money in Men's and Boys' Summer Clothing and Furnishings as You Can Get at OAK HALL.

We say without hesitation that we never offered such sterling values as such little cost to the buyer. Remember, it is a clearance of OAK HALL's regular stock—the kind of clothing we stand back of until it has given all the service a man has any right to expect, for everybody knows that we shut out of this store goods that are manufactured to sell at a profit just for special sales.

MEN'S CLOTHING		BOYS' CLOTHING	
\$ 6.50 Fancy Tweed Suits	Reduced to \$ 4.30	2-Piece Suits that were \$2.00	Now \$ 1.65
7.50 Fancy Tweed Suits	Reduced to 5.15	2-Piece Suits that were 4.50	Now 3.55
10.00 Fancy Tweed Suits	Reduced to 7.85	3-Piece Suits that were 3.50	Now 2.78
12.00 Fancy Worsteds	Reduced to 8.35	3-Piece Suits that were 5.00	Now 3.98
15.00 Fancy Worsteds	Reduced to 10.65	3-Piece Suits that were 8.00	Now 6.43
8.00 Raincoats	Reduced to 5.95	Reefers and Overcoats at Great Reductions.	
12.00 Raincoats	Reduced to 9.45	Washable Suits Reduced One-Third and Less.	

MEN'S MADE-TO-MEASURE SUITS AT REDUCED PRICES IN MID-SUMMER SALE

Choice remaining lots of goods for which made-to-measure hundreds of men paid us \$24 and \$25 and now won't go elsewhere to be tailored. These goods we will make up at **\$20 per Suit**.

Then we have another group of clothes—the kind that regularly go into \$20 made-to-order suits—those we'll make up at **\$15 per Suit**.

The opportunity for saving which this sale gives is fast drawing to a close, and those who want to get in on this money-making deal don't want to lose any time. Today's the day to buy, and as early today as possible. Sale ends Saturday at one o'clock.

King Street
Cor. Germain

GREATER OAK HALL

SCOVIL BROS. LIMITED

Branch Store, 695 Main St.

ST. JOHN, N. B.

MRS. HERTHA AYRTON'S STUDY OF SEARCHLIGHTS

(As the result of careful scientific investigation and a vast amount of experimental work, Mrs. Hertha Ayrton, a brilliant electrician, has managed to determine the exact critical conditions under which the powerful electric arcs required for searchlights remain absolutely steady and noiseless. The test would have been sufficiently well interested from a scientific point of view alone, but it is also bound to induce a great improvement in naval projection practice. The story of her achievement is popularly told in the following article.)

BY SPENCER HAWES, M.I.E.E.

In the autumn session of 1884 of the Finsbury Technical College a young girl was employed in the laboratory of the professor of electricity. She had already taken honors in mathematics at Gorton, and had shown an aptitude for scientific work by inventing a line-divider. At this time, rapid developments were taking place in the application of electricity to practical purposes, and they became of absorbing interest to the Gorton scholar.

A technical section of the college, therefore, that her studies were pursued. She had the good fortune to work under the guidance of Professor Ayrton, to whom so many prominent electrical engineers are indebted for their technical education. Upon the professor the energy and ability of the girl student very quickly made a marked impression, and before she completed her pupillage student and professor became wife and husband.

THE LEADING AUTHORITY.

Today Mrs. Ayrton enjoys a world-wide reputation as an electrical engineer, and for the remarkable legal phraseology of the old Latin charter of the Royal Society she might possibly now be in possession of the rights and privileges of its Fellowship. At any rate, she was proposed for that mark of distinction, but the lawyers, to whom the matter was referred, decided that marriage precluded the consideration of the claims put forward for her election, even though they were based purely on her scientific work. Finally, the professor appealed to the Academy of Sciences. To ascertain the cause of the refractory behavior of the arc and to devise the remedy was a task that exactly suited Mrs. Ayrton. With her usual intuition she mastered this mysterious and hitherto unexplained scientific phenomenon and proved that the deafening roar of the searchlight was merely a gigantic magnification of the hiss of the much smaller arcs that are commonly used for street lighting. And just as, step by step, she unearthed the hitherto unknown cause of that hissing, so she demonstrated how to stop the roaring and the erratic wanderings of the arc of a searchlight. The officials attached to the Admiralty had, of course, made prolonged experiments and issued detailed specifications of the carbon which they deemed to be most suitable for search-

light purposes. But Mrs. Ayrton's experiments showed that to obtain the maximum steadiness of the arc with the greatest amount of light combined with complete silence and absolute fixity of the position of the arc relatively to the focus of the parabolic mirror—an essential condition if the beam of light has to be maintained perfectly parallel—every one of the conditions of the Admiralty specification had to be radically changed.

For example, to insure two points only, the positive carbon through which the electric current is led to the arc had to be made thicker and the negative carbon through which the current is led away from the very arc very much thinner.

RESULTS OF INVESTIGATIONS.

The special features and exact dimensions of the carbons employed by Mrs. Ayrton it would be unfair to disclose, but, as I have indicated, the difference between the respective diameters is much greater than in the Admiralty type. It is sufficient to say that the triumph of her method, appears in the fact that she is able to assure the formation of a highly powerful arc, which shows no tendency to "roar," never goes out, and maintains a generally equable behavior throughout the entire life of the carbons.

I have recently had the privilege of witnessing an interesting series of practical searchlight experiments with a large 36-inch Admiralty projector, which Mrs. Ayrton was good enough to carry out for the purpose of illustrating the results of her investigations. The experiments were made first with carbons supplied by the Admiralty as suitable for 36-inch projectors, and secondly with carbons manufactured by the same firm to Mrs. Ayrton's specification.

In each case exactly the same care was taken in adjusting the carbons, but the results were widely different. In the first case the arc (as seen from an image projected by a lens on a screen) was throughout in a state of great turbulence. It roared with intense vigor, gyrated round the ends of the carbons with remarkable activity; at times it went out, and the light given by the beam varied considerably. With Mrs. Ayrton's carbons, on the contrary, there is for hours on end perfect silence and absolute steadiness in the brightness and direction of the beam of light.

The theatres of London give employment to over 12,000 people.

Comfortable the Year Round

For cold weather or hot, or **Pen-Angle** Underwear

Good trade-marked with the Pen-Angle and weight in Pen-Angle to make you most comfortable.

Goods trade-marked with the Pen-Angle and weight in Pen-Angle to make you most comfortable.

Pen-Angle Underwear

15c., 25c., 50c., 75c.

These are the prices we have marked four different lots of

STRAW and LINEN HATS

For Men, Boys and Children.

They are broken lots and samples, the regular prices were from 40c. to \$2.50 each. All sizes. Come for bargains.

D. Magee's Sons,
63 KING STREET.

Big Bargain Sale

Boots & Shoes

WHY DON'T YOU? You make a positive saving of at least twenty per cent. on every dollars worth of Shoes you buy during this sale.

Store open until 11 o'clock tonight.

E. O. PARSONS,

Telephone 43 West. 258 and 260 King Street, West.

MANUFACTURING DIAMONDS FROM THE SUGAR BOWL.

The Lenoire Diamond imposture, which has been amusing France in particular, and adding to the gaiety of the nations in general, comes as a reminder that scientists have now been for some time on the border of discovering a practical method of manufacturing diamonds.

As far back as 1592 Gannal, in Paris, thought he had solved the problem. He treated carburet of sulphur with pure phosphorus, and tiny sparkling morsels fell into his trembling hands. Alas! they turned out to be mere glassy particles stripped from his own tube.

Cagniard de Latour, and later on Despretz, continued the fascinating experiments.

Despretz used charcoal subjected to enormous heat by means of the electric arc and a blowpipe. He produced gem-like stones hard enough to cut rubies, and triumphantly told the French Academy he had succeeded in making real diamonds by artificial means.

It was a great blow to him when Marcelin Bertholot, the venerable scientist and philosopher, proved that the gems could not be diamonds at all. Next came two English chemists, Cagniard de Latour, and later on Despretz, continued the fascinating experiments. The French Academy he had succeeded in making real diamonds by artificial means.

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HEAT AND PRESSURE.

The inadequacy in both he attributed the failures of predecessors in the same line of research. Their best efforts in the line of heat went up to a mere two thousand degrees. Electricity, he knew, would give heat almost equal to that of the sun. And so he went to work and produced an electric oven, giving heat almost inconceivable. Day after day he worked, and he went on, giving heat almost inconceivable. Day after day he worked, and he went on, giving heat almost inconceivable. Day after day he worked, and he went on, giving heat almost inconceivable.

130 ONTARIO. HOGS INFECTED WITH CHOLERA SHOT ON ONE FARM.

WOODSTOCK, Ont., July 21.—One hundred and eighty hogs, big and little throughout Yorkshires, were shot on the farm of Jos. W. Boyle last evening. By order of the Dominion inspector. Hog cholera has gotten in the border, possibly communicated from passing trains.

PATERSON'S

new, delicious wafer, made from cream of wheat—crisp, fluffy, tempting for any social occasion. In tin only. Buy by name.

Cambridge Wafers