

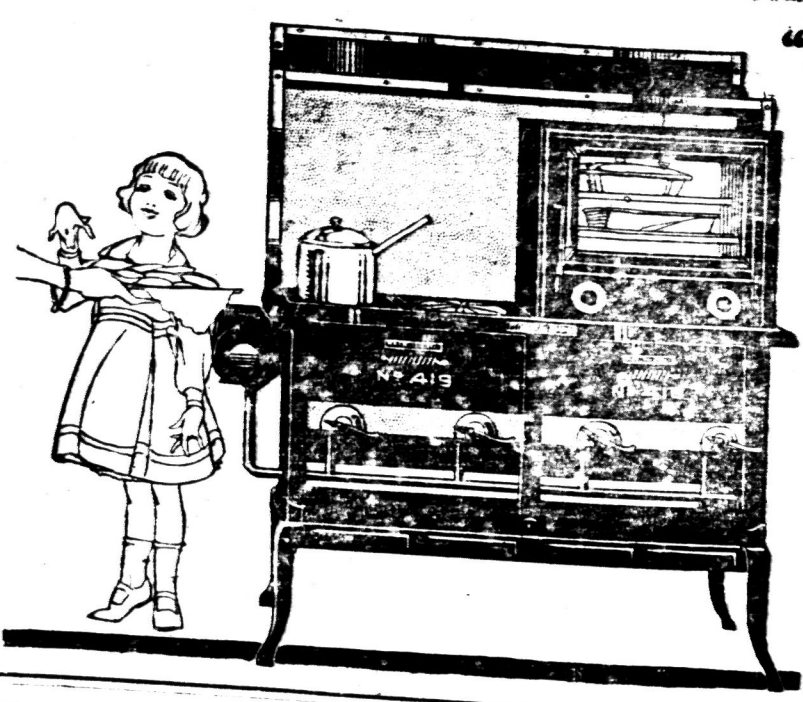
**PRE-AS WEAPON.**  
Nations Have Made It Dangerous.

by a Chinese artist, dated 1000 A.D., shows that incendiary bombs were frequently made of bamboo, which at the time of this invention were thrown by engines of the bows or springboards of the artillery. Roman armies in ancient

development of liquid fire. At Manchester in the 18th century, the inventor of the first steam engine, James Watt, in his directions for the construction of the Empire, writes, "I have the following introduction: 'Know the reign of Constantine (324-337 A.D.) one Kallipolis from Heliopolis to the (at Constantinople) fire to be discharged from a form of syringe by means of which the fleet of the Saracens and gained the vic-

took place during the records state that the down upon the city in most of which must have Constantine removed the the narrows, and the boats carrying against them. "The Greek fire, as well as some of the using it, is brought in the memoirs of St. his crusade, 1249 A.D. against the Turks an engine, 'from which such great quantities of fire that it was the most ever witnessed. Sir out. Whenever they this Greek fire, cast their knees and cry to our. This Greek fire in as like a long spear; which it made was like seemed a great quantity of light with its flames our camp as clearly as fire from a perriere. Each good king, Saint Louis, discharge the fire, he the ground and pray the Saracens with this castles protecting the

ent Quarrel. between Chile and origin in the Chilean of 1879, and has em- countries' relations the rightful ownership Paena and Arica, now sion. By the Treaty Oct. 20, 1883, Peru, ty in the war, yield- to Chile. In Peru ceded uncondi- the Proca. In the and ed to Chile full pro- adjacent provinces of for a period of ten of which time a lar vote of the in- be held to determine the should become lean or should be it was further dra- country which gained the plebiscite should 000,000 silver dol- simple enough, yet the plebiscite has The trouble has no com- free upon the exar- the vote should be and time for pay- ing matters. Mean- possession of the rationally en- of great value, since the nitrate deposits of South America, has dragged on at times ris- a genuine inter- ation contains the bus consequences, ernment and some can nations have vertures to Chile toward a peaceful te.—L. Stoddart



**"FLORENCE AUTOMATIC" OIL COOK STOVES**

**T**HE blue flame from the Florence wickless burner is always steady, always under perfect control. A special jacket holds it directly under the cooking utensils—giving a quicker, more economical heat.

Used with McClary's Success oven, the Florence Automatic is a wonderful baker.

There are no wicks to clean, no odors, no trouble. Let us give you a demonstration of the Florence Automatic in actual operation.

**"Sold by E. T. Carter"**

**JARVIS REPAIR and SUPPLY GARAGE**

**IF** Your Car does not run properly bring it in to us and let us make it right. We understand the theory and principles of gasoline engines and have a first-class working knowledge.

—We do Wood and Iron Turning and Grinding—

**If we cannot do the job we are not afraid to say so**

**BATTERIES EXAMINED FREE**

**E. W. ANDERSON— ON THE CORNER**

**THE Three Prime Virtues**

—IN A PHOTOGRAPH—

Artistic Quality, Permanency, and Likeness

—OURS HAVE ALL THREE—

**MOORE'S STUDIO**

MAKERS OF QUALITY PHOTOGRAPHS

PHONE 183

Norfolk St. Simcoe.

**TAKING AIR SOUNDINGS ON THE ATLANTIC**



In future days when one takes a casual flight across the Atlantic, in a Detroit flying flivver, the success of the trip can be credited to the British Air Ministry in general, the meteorological in particular and Lieut. Guy Harris, F.R.M.S., R.A.F., specifically.

Lieut. Harris arrived in St. John recently, the only passenger on board the Canadian Pacific Steamship Montcalm. He is the commander of the Atlantic upper air investigation expedition which under the control of the Royal Air Ministry will chart every air current and make the air route across the Atlantic as sure and safe as the water pathway. Weather news bureaus will also be inaugurated to furnish up-to-the-second information regarding all aerial conditions.

A representative of the press visited the vessel and examined the special apparatus with which she was fitted for the experiments. At first sight it seems to be simple enough, for it consists only of winches, wire, box kites, and a meteorograph, but the meteorograph is itself a complicated and intricate instrument, and kites for scientific purposes it is not quite the schoolboy fun that many people imagine it to be. The kites used are of three types, and the largest of these, which measures roughly 8 ft. by 8 ft., exerts a pull in a strong wind sufficient to strain the holding power of four men.

Besides the box kite there is a crown kite, 16 feet long and 12 feet high, with a main plane and two keels; the keel kite is smaller and is used mostly as a pilot kite to assist the others up.

There are two winches, one placed on the fo'c'sle deck for use when the wind is aft, and the other for use when the wind is ahead or abeam, and to be set off on the gun platform in the stern of the ship. By these means the mooring cables which are of fine steel wire very similar to marine sounding cable will be kept clear of rigging and derricks whatever may be the angle from the ship at which the kite is flying.

When the soundings are taken two kites are attached to the cable and a pilot of light make and 400 feet behind it one of the bigger box kites carrying meteorograph. The air currents and varieties of atmospheric pressure vary in layers upwards, and the soundings can be taken up to a height of four or five miles. The meteorograph, a comparatively small instrument combining three devices in one, records at the same time, by pen points marking on a chart on a revolving drum, the humidity of the air, atmospheric pressure, and the speed of the wind, all factors of the utmost importance in the consideration of flight.

If the soundings experiments made from the Montcalm are successful a number of ships will be fitted forthwith with varieties of apparatus in great numbers will be taken, and the information obtained will be distributed by wireless from ship to ship, and to stations in London, Lisbon, the Az-

(1) Lieut. Harris experimenting with kites at St. John. (2) Crown kite flies.

ores, and Newfoundland. There is also to be an immediate station on a staff everything worked out remarkably well. It is a far different thing, he stated, to fly a monster kite from a moving, lurching ship than from the steady ground. It is very difficult to get the kite away from the ship, and for a long time he had to puzzle out a method of getting the recording instruments up to the kite after the ascent had been made. To the best of his knowledge, kites had been flown from ships only once before, and that long before the present war. During the voyage across he had made several altitude flights of 7,500 feet, and many over 6,000 feet.

The air service mentioned above, he added, will be used and charted for every sea and will cover a service of airships and the larger heavier-than-air craft, as well as airplanes. His records made during the voyage across are in rough shape and of course nothing can be published regarding the trip until the official reports have been passed through the ministry at London. But, he added, "I am very well pleased with the results obtained and I can state without qualification that the expedition, so far, has been most successful."

Mr. Harris is a fellow of the Royal Meteorological Society, and has been engaged in scientific pursuits for the past 18 years, making his first experiments when but a mere lad. He had been engaged in scientific kite-flying several years before the war broke out, and his services were keenly appreciated by the air service.

For three years he has been attached to the Royal Naval Air Service operating around the British Isles and Dunkirk in anti-submarine work. It has been frequently stated that there never has been a ship at sea that has not been a ship at sea, but thanks to the valuable assistance of Captain Harris

**What Italy Fought For**

**"A GREAT deal has been said these days about the so-called Treaty of London or agreement of London,"** says an authority on Italian problems. "Let me make it clear: As I understand Italy, Italy wants no land, but Italy wants the liberation of those poor oppressed people who have been suffering for centuries. Of course, it was necessary at that time when the treaty was made to stipulate exactly what would become of those people, because in the early part of 1915 one of the Allies was Russia, under the dominion of the Czar, Russia had scheming ambitions for recognition and dominance of the Balkans, and the people of Italy who were fighting to liberate those people did not desire to sacrifice their sons, to liberate them from the Hapsburgs and put them under the Hapsburgs. That was the purpose of the agreement of London. Now, let us see what that agreement provides: That Trentino should be returned to Italy—and nobody disputes it. They are Italians by race, instincts, spirit, that goes to make a race. Trieste—of course Trieste is Italian—Dalmatia and part of Dalmatia.

"A great deal has been said these days about the claims of Italy to Dalmatia. It is only a small strip around the city of Zara, and Zara, from the time that history records the fact, up to 1814, was either Venetian or Austrian. And Zara was captured by the Austrians, after a blockade of land and sea, which lasted five years, from 1809 to 1814.

"We, perhaps, in our busy lives in this country, get confused with the conflicting claims of the people of the Balkans. A good many of my friends and my colleagues find it difficult to distinguish between the Czech-Slovak and Jugo-Slav. There is this great difference, that the Czech-Slovaks fought with us and the Jugo-Slavs against us.

"And let us look at the history of Croatia. In 1848, when Hungary put up a gallant fight to liberate herself from the oppression of Austria and Austria was linked, it was the Russian and the Croatian who went to the aid of the Hapsburgs and subdued Hungary. In 1876, when Russia compromised with Austria-Hungary and called upon the Croats to stand by, Croatia then again lined up with the Hapsburgs. And isn't it significant, and isn't it typical that now, when the claims of Italy have not yet been published, when there seems to be no real conflict of claims, I hear a cry come—from where? From the Croats and Dalmatians that Italy wants to suppress them! My friends, is it nothing but the Hapsburg politics at work again?

"But I want to make this clear: That Italy is desirous of befriending and helping the newly-organized Jugo-Slav confederation. Why, it was Italy that conferred them in Rome in 1918. It was Italy that first recognized the aspirations of the Jugo-Slavs. At that conference, which was addressed by Orlando, the Prime Minister, there were representatives from Roumania, Serbia, Montenegro and Croatia, and Dalmatia. But those few men who were there from Dalmatia represented the progressive party of Croatia, Slavonia and Dalmatia, the men who have been fighting an uphill fight for years and for centuries against the Hapsburg tribe."

**American Slang.**  
A book about America, by an Englishman, would not be complete if it did not have some reference to American slang! So we are not surprised to find on page 24 of Frank Dillnot's 'The New America—a bright and vivacious little volume written by a newspaper correspondent—a list of typical American slang phrases with their English equivalents. Here it is, and doubtless many Canadian readers will be quite as much amused by the staid English expressions as English readers will be at the wholly unaccountable American phrases.

**AMERICAN.**  
"Don't be fresh."  
"Rubber neck."  
"Foxy gink."  
"Get wise to it."  
"To jolly you along."  
"Take a Brodie."  
"Shook me for a blond."  
"Cut it out."  
"The jinx have a lurch on me."  
"Turn over; you've said a page-ful."  
"He's a bird and you want to watch him fly."  
**ENGLISH.**  
"Don't be cheeky."  
"Sight see."  
"A sly person."  
"Ascertain the facts."  
"To chaff you."  
"Take a chance." (From Steve Brodie, who dived from Brooklyn Bridge.)  
"Take me for another."  
"Stop that nonsense; get to business."  
"Evil spirits haunt me."  
"You've talked enough and too much."  
"He's smart, keep your eyes on him."

**A Young Wife.**  
"These apples are dirty," complained the young housekeeper. "Yes," admitted the farmer, "they are windfalls, and that is why I sell them cheap." "You mean they've fallen from the trees but otherwise are all right?" the customer inquired, and then she bought them. Several days later she called the farmer's wife on the telephone. "I ordered the best cucumbers for pickling," she said sharply, "and you've sent me fallen windfalls!" "Sent what?" gasped the farmer's wife. "Windfall cucumbers. I can tell; there's dirt on them!"

**June the Month of Special Sales throughout Falls' Store Simcoe**

**Not a Business Day in June without New Lots of Goods being placed on Sale at Special Prices—Saturday will be the Opening Day. Some of the Good Lines are Listed Below**

**A Windfall of Men's Shirts, 2 for price of 1**  
Men's colored Percale Shirts with white grounds, plain and fancy cuffs, soft bosoms and turn back collars a real value at \$1.25 will sell them for 63c each size 15-1-2 to 17 only.

**Mattresses at Special Prices**  
A lot of clearing standard sterilized Mattresses—Values unusual without a doubt at \$13.50 for full sized Mattress—rolled edge—Art Ticking covering—a Real \$16.00 value selling for \$13.50 \$5.90—These Mattresses are in all sizes covered in art ticking a remarkable value at \$5.90

**Good Food is better served on Good China—all of our Dinner Sets are reduced on the June Sale**

**Pleasant**  
It is especially pleasant and breezy on the Third Floor of the building, where just now there are interesting goings-on among the Furniture, Rugs, Refrigerators, Kitchen Cabinets, Draperies, and Curtain nets.

**The June Sale of Bath Towels will go busily forward with stock full and fine and prices below what they usually are.**

**Will Women Who want a Bargain in House Dresses please read this**  
Women's House Dresses in Percale and Gingham, good full size, many colors each \$1.98.  
At \$2.29—Women's House Dresses in fine assortment of styles and colors, sizes up to 46. A \$3.00 value for \$2.25.

**Summer Blouses Different from Any They have first arrived for our June Sales and are Entirely New Styles**  
FIRST—Women's Voile Blouses nicely made, convertible collars—Also low neck all sizes, clearing at \$97c.  
SECOND—Raw Silk Blouses good styles and serviceable specially priced at \$2.35.  
THIRD—Habitid and Silk Crepe De Chine Blouses in Maise, White, Flesh and Striped selling for \$3.87

**A June Sale of Women's Gloves in Fashionable Lengths and Styles**  
A—Women's Lisle Thread Gloves, Natural with Black Points and White with White Points special at the price 75c. Sale Price 66c.  
B—Women's Silk Gloves "Magnard Maid" and "Kaiser" make in colors of Grey, Pongee, Black and White sizes 5-1-2 to 8-1-2 worth \$1.25 a pair. June Sale 98c.

**Bountiful Savings in Hosiery**  
Women's artificial silk Hose in Navy, Brown, Grey and Champagne. Sizes 8-1-2 to 10—A special \$1.00 value June sale Price 87c.  
Women's artificial silk Hose in Black and White sizes 8-1-2 to 10. A real \$1.25 value selling for \$1.07.  
Women's Lisle Thread Hose in Black and White worth 75c pair This Sale 66c.

**Sale Shantung Silk & Black Satin Duchess**  
\$2.47 for extra heavy Black Satin Duchess, full 36 inches wide and worth \$3.00.  
48c a yard for a special 60c Natural Shantung Silk that is 33 inches wide.

**Boys will Scoot to Falls Store for Suits June Sale of Boys Suits begins Saturday**  
They are the pick of three manufacturers stocks—the careful selection of the best from large quantities of Boys high-grade clothes—all are from honest tweeds in light, medium and dark colors—To fit Boys 6 to 16 years—at the suit \$10, 12, 14, 16, 18, 20, and \$25. During the month of June every boy buying a suit will start with a BANK ACCOUNT in either the Molson's, Bank of Hamilton or Commerce Bank in Simcoe.

**The June Sale of Fine Dinner Sets and other Items in the Downstairs Store Brings Bargains**  
25 DINNER SETS all nicely displayed for satisfactory inspection, will go on sale Saturday in the finest china and cut Glass department within (50) fifty miles of Simcoe—Dinner sets all contain 97 pieces and the designs are like you would expect in a store like "Falls".

\$19.50 for a \$22.50 Dinner Set.  
23.00 for a 26.50 Dinner Set.  
31.00 for a 35.00 Dinner Set.  
33.00 for a 37.00 Dinner Set.  
50.00 for a 80.00 Dinner Set.  
90.00 for a 100.00 Dinner Set.  
112.00 for a \$125.00 Dinner Set.

2 Gross Glass Tumblers Plain Clear Glass worth \$1.25 doz. June sales the doz. 97 cents.  
6 Water Glasses and Pitcher worth \$1.25 for the June sale 97c the set.  
6 Fine Water Glasses and Pitcher worth \$1.65 a set—will sold for \$1.33 the set.

**H. S. FALLS COMPANY, OF SIMCOE, LTD.**