

## CLOUD SHOOTING BY AVIATORS

Experiments Being Made in  
Destruction of Fog  
and Clouds.

Washington, Nov. 12.—Extensive experiments in the destruction of fog and clouds by the use of electrified sand are to be carried out, under Government supervision, at Bolling Field, Army Air Corps, equipped with the device patented by Dr. L. Francis Warren of Harvard University have been detailed exclusively to that work and daily flights are to be made during the next six weeks to determine both the peace and war value in connection with aviation.

The two aviators who conducted the first attack obtained a fair "bag" despite the extreme height of the clouds over the field. A group of officers and civilians from the ground could follow without difficulty the cutting off of a cape or peninsula of cloud and its subsequent disintegration. Larger masses were criss-crossed with lanes through which the sun's rays shone to accelerate evaporation. Dr. Warren described the work as a "mere continuation of the invariably successful experiments of the past three years."

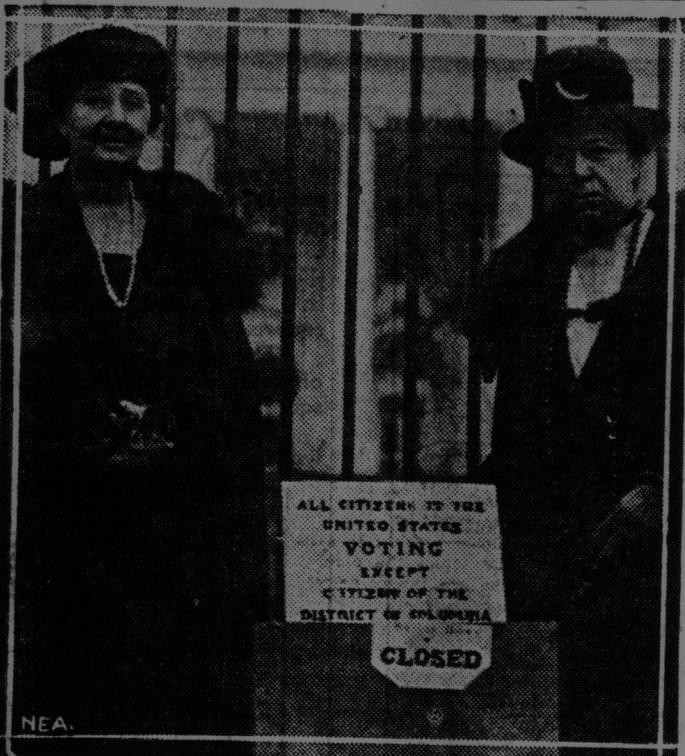
"We have had nothing happen in the last three years," he asserted, "to make us change our claims or our minds. We base our work on the assumption that visible forms of moisture in the air, like mists, fogs, clouds, etc., were a form of colloidal suspension in gases and that they should be governed by the same general laws that prevail in colloidal action in liquids and solids."

### Propeller Spreads Sand.

"We fill the sand tanks on the planes with 120 mesh silica sand. The planes being equipped for charging the sand either positively or negatively by the turn of a lever, the sand impinging upon charging plates or falling through charging nozzles and being scattered by the air, driven back by the plane propeller. When a cloud is found to have a positive charge, we scatter negatively charged particles at the extreme top; when it is found to have a negative charge we scatter positively charged particles at the top; and when it is found without any charge we first charge it as we like and then bring it down by again scattering the opposite charged particles."

"These tests have resulted in some cases in uncanny manifestations. For example, on July 8, at about 2 o'clock

## Where They Had No Vote



Although (and because) the District of Columbia is the seat of our government its inhabitants have no voice in the election of president. So on election day women of the various parties displayed locked ballot boxes as propaganda to gain the franchise for Washington voters in future elections.

of the afternoon, a frightfully heavy thunderstorm with almost continuous lightning lay to the south of Phillips Field over Chesapeake Bay. At 2:30 we attacked a small corner of this storm with a quantity of negatively charged sand—less than ten pounds—and coincident with its application, there was no more lightning and no more thunder. There followed a slow, gentle rain of about four hours' duration. No claim is of course made that the rain was caused by us, because it would have rained anyhow, but the rain would have been attended by constant thunder and lightning and the sudden bursts of downpour so familiar to us. This experiment was intended to test an opinion expressed by Mr. Edison, in an interview in which he was reported to have stated that we should be able to upset the electric charge of a tornado or a cyclone.

### Need Larger Planes.

"A much better showing could have been made if we had planes that could



"CLEAR, sparkling coffee—the color of rich, transparent amber—may be made in any Hotpoint Percolator."

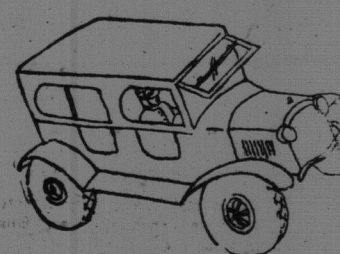
Percolation from cold water commences within thirty seconds. Hotpoint Percolators are equipped with exclusive safety switches which protect the appliances should they accidentally "boil dry."

For sale by dealers everywhere. H 150

HOTPOINT DIVISION

Canadian General Electric Co. Limited

widely scatter electrified sand at the rate of 100 pounds per minute. With the planes as they now are, we can release only 30 pounds per minute. The small planes with their light weight are all right for fog and all right for flitting with clouds, and have at least proved beyond doubt that the principle is correct and practicable, which means that a celestial epoch has been reached in the affairs of man. Commercial rain-making now lies within the grasp of man, and he can employ to this end one of nature's cheapest commodities, namely common or garden silica at a



## Boys and Girls! Toyland is Open At M. R. A.'s

Santa Claus is getting ready for the "Day of Days" just six weeks away, and is preparing surprises a-may for good girls and boys. Come in and see the Brand New Toys in Toytown. You'll see plenty of jolly things you'll want to include in your Santa Claus letter. Better try to bring Mother or Dad along with you. They'll enjoy looking over this wonderful Toytown too.

### Trains, Boats and Automobiles for Boys Who Like Engines

And every boy likes toys with plenty of machinery to wind up and set in motion. Some of these toys will speed up and outclass anything of the kind you have ever seen. Mechanical toys of many kinds are here for boys to look over and choose from. Every day for a short time new arrivals will keep Toytown interesting and cheerful. Just wait until Christmas morning and see which ones of them Santa Claus leaves for you.



### Mothers Might Like to Know

That the earlier they secure pretty and funny little stocking novelties, the better variety there'll be to choose from. Tree decorations may be chosen to fine advantage now too. Prices in Toytown are so moderate you'll want to do a great deal of shopping here. Sometimes the little novelties that fill the Christmas stocking afford as much amusement as toys costing a greater price. A word to the wise—Choose these things early.

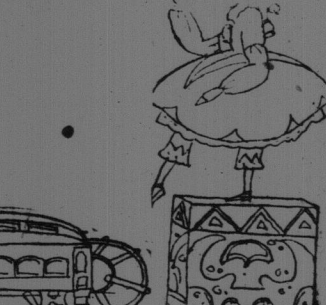
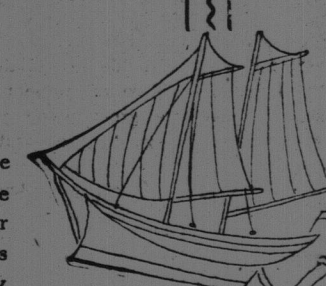
### All Kinds of Lifelike Dolls For Admiring Small Girls

Dolls that walk, talk and sleep. Some are curly headed and some are smartly and properly bobbed. Dressed dolls—and dolls ready to dress. We feel sure that every little doll-lover will find here a beautiful pound eyed darling to suit her exactly. Many of these dolls will stand any amount of rough handling. Tell Santa you want one of these beautiful dolls for your very own.



### We Can't Begin to Tell You All About Toytown

Come and see it for yourself. There are hosts and hosts of amusing Wooden Chinese Toys different from anything you have ever seen. Then there are Games of many kinds for small and bigger girls and boys; Gaily Painted Furniture for dolls; Prancing Horses and Vehicles; Lifelike Pigs; Funny Monkeys; Musical Toys; Building Blocks—and so many more things you'll have to see to really understand.



These pictures will help tell the story. Toytown will be found in the same place as other years. Just behind the Art department, Germain street entrance.

Manchester Robertson Allison Limited  
KING STREET • GERMAIN STREET • MARKET SQUARE

## Specials for Tonight

FOR MEN  
FLANNEL WORK SHIRTS..... \$1.19  
WOOL RIB SHIRTS ..... .79  
HOUSE DRESSES ..... .85  
LADIES' COAT SWEATERS..... \$1.98

## AMDUR'S LTD.

"The Store That Sets The Pace"  
No. 1 King Sq. Opp. the Market

OUR  
\$20,000.00

## DRIVE

For Extra November  
Business is Making a  
Very Busy Store

The people evidently appreciate the idea.  
Why not share in the special prices and have something to boot in your pockets?

Lots of good things for Thursday.

ONLY THREE DAYS MORE

(Signed) F. W. DANIEL.  
London House.

cost of about \$3 per ton, which, outside of maintaining the equipment and operating the planes, will be the only charge.

"Should the Government provide the money and facilities to perfect, install and operate the process for large scale work, with hundreds of planes designed and built to carry 3,000 pounds of sand to heights varying from 1,500 to 15,000 feet, it will have at its command the means of removing fog over its harbors, leading rivers and elsewhere, and the power, further, to cause rainfall as, when and where needed, both in the east and in the dry and semi-dry sections of the country—provided, of course, that there are rain clouds present, local or otherwise, and that the air between the earth and the clouds is saturated to a degree beyond the point of evaporation, that is to say, at times when it sprinkles and does not rain."

### Dug Well in Clouds.

Conditions were far from ideal for the first test. The aviators were forced to climb 15,000 feet before they reached the main strata of cumulus clouds, which was their objective. Through special binoculars they were seen to disappear behind a fragment and then suddenly to "break through" again as the cloud disintegrated under the shower of electrified sand thrown by centrifugal force through nozzles on the under portion of the fuselage. The aviators described a circle above the cloud bank and the circle was duplicated in a clean-cut pathway through the mist. From the ground it appeared that the cloud perceptibly lessened throughout its structure as the planes proceeded. A projecting isthmus of cloud then went into nothingness as the planes skirted its edge, spraying the fine silica.

Captain Eagle, pilot of one plane said he had "dug an immense well" into one cloud bank, which, however, was so thick that he had been unable to drive the aperture to the underside.

It was understood President Coolidge had expressed his interest in the experiments and had indicated his hope that facilities for their continuation might be found. The Bolling Field group will make flights daily, the inventor said, during the next six weeks with a view to obtaining exhaustive data for the governmental departments.

## WEDDINGS

### Murphy-Clark.

The marriage of Miss Edith Clark, daughter of Mr. and Mrs. Thomas Clark of Ready street, and Daniel Murphy, son of Mr. and Mrs. Daniel Murphy, Sand Cove Road, was solemnized with nuptial mass at 7:30 this morning in St. Rose's church, Fairville, Rev. Charles Collins officiating. The bride was gown in a navy blue Canton crepe dress with silver trimmings, hat to match, and a fox fur, and carried a white prayer book. She was given in marriage by her father and attended by her sister, Mrs. Max O'Keefe, who wore a navy blue tailored suit and black picture hat. Mr. O'Keefe was best man. The groom's gift to the bride was an onyx pin with pearl settings, and to the bridesmaid a gold bar pin. After the ceremony the happy pair motored to the home of the bride's parents, where a wedding breakfast was served. The dining room was decorated with the color scheme being carried out on the prettily arranged table. Many beautiful presents of silver, cut glass and

linen were received. Mr. and Mrs. Murphy will reside at 14 Ready street.

### McCrea-Akerley.

In the Central Baptist church on Nov. 11 Miriam Isabel, daughter of Mr. and Mrs. Eldon Akerley, of McDonald's Point, and Hugh Blake, son of Mr. and Mrs. William McCrea, 130 Broad street, were united in marriage, Rev. James Dunlop officiating. They were attended by the bride's father and brother, Mr. and Mrs. McCrea, and the groom's father and mother. The bride was attired in blue Canton crepe, with black picture hat and grey shoes and stockings. She wore a corsage bouquet of roses. Following the ceremony a reception was held at the home of the groom's parents, after which Mr. and Mrs. McCrea left on a honeymoon trip through the maritime provinces. On their return they will reside at 92 Mecklenburg street. Mr. McCrea is in the coal and wood business in this city. Numerous gifts testified to the popularity of the young people.

### Coleman-McAfee.

A pretty wedding was solemnized at the home of Mrs. J. J. Drummond, 786 Broadway, Everett, Mass., on Saturday, Nov. 1, when Miss Edith McAfee, daughter of the late George and Esther McAfee, of Red Head, and Edgar William Coleman, of Gardner, Mass., were united in marriage, Rev. Mr. Pitman officiating. The bride was dressed in a gown of golden brown georgette and carried a bridal bouquet of opheelia roses and carnations. She was given in marriage by Mrs. J. J. Drummond. Miss Dorothy Drummond played the wedding music. Mr. and Mrs. Coleman will reside in Gardner, Mass.

One hundred livers are required to yield one gallon of cod liver oil.

### GIVEN 5 YEARS AND 20 LASHES

Digby, Nov. 11.—A man named Godsoe appeared before Judge Grierson today under the Speedy Trials Act on a serious charge laid by Rev. A. J. Prosser, agent for the Children's Aid Society, and was sentenced to five years in Dorchester penitentiary with twenty lashes. Crown Prosecutor Dennison appeared for the prosecution and Frank Jones, K.C., for the accused. It is said others are implicated and it is expected that further arrests will follow shortly.

### HEAD STUFFED BY CATARRH OR COLD?

If your nostrils are clogged, your throat distressed, or your head is stuffed by nasty catarrh or a cold, apply a little pure, antiseptic, germ destroying cream into your nostrils. It penetrates through every air passage, soothing inflamed, swollen membranes and you get instant relief. How good it feels. Your nostrils are open. Your head is clear. No more hawking, snuffing, dryness or struggling for breath. Get a small bottle of Ely's Cream Balm from any druggist. Colds and catarrh yield like magic. Don't stay stuffed up. Relief is sure. A new implement, a "spading tractor" will plow, harrow and cultivate in one operation, and in a capacity of three acres an hour.

### SCHOONER CUPOLA HAS CARGO OF RUM

Yarmouth, N. S., Nov. 11.—The fifty-ton two-masted schooner Cupola, which for several years was one of Yarmouth's fresh hulkers, is in port with a cargo of 730 cases of rum on board. The vessel is in charge of Capt. John Simms, and at the Customs this morning reported "from sea." The vessel is also reported as leaking badly. But, nevertheless, clearance papers were taken out for St. Pierre, Miquelon, and it is expected the vessel will sail tonight without much delay.

### BRITAIN TO PLACE WREATH ON GRAVE

Boston, Nov. 11.—Edward F. Gray, British Consul-General at Boston, was instructed today by Sir E. Howard, the British Ambassador, to attend the funeral of Senator H. Cabot Lodge tomorrow and to place a wreath on the grave on behalf of the British Empire.

### MAY CHANGE NAME OF FASCIST PARTY

(Canadian Press Despatch.) Rome, Nov. 11.—Several newspapers here today state that a project is being studied to change the Fascist Party to one which will be called instead the National Party. This change, it was said, is being contemplated in order to allow many who have not yet joined the Fascist, because of its revolutionary origin, to enter an organization having a wider scope.