

## FLY OR NOT TO FLY.

### Mr. Maxim Believes His Machine Will Solve the Problem.

### Interesting Experiments With the Twin Screw Aeroplane at Crayford, England

"My machine is intended to rearrange the map of Europe. That's what it is. I have never before told any one exactly what my object was in trying to produce it. You see, I have travelled a good deal about the Continent of Europe, in Germany, Austria, France, and other places, and I have noticed a very great many irregularities about the boundaries of the various countries. Some of those irregularities I do not approve of. I thought it would be a good thing, as my sympathies are very strong, to put them right, and I intend to do it. This machine, or, as you call it, infernal machine, for such it is, is going to put the map of Europe right. That is, of course, if it succeeds. I believe it will go, I know it will unless some of my calculations are wrong. If it does go it will be the tallest thing done for a few years."

Mr. Hiram S. Maxim, the maker of Maxim guns, and the inventor of the new "flying machine," was speaking to a reporter in the workshop adjoining his house at Baldwin's Park, Crayford, as he gave this description. He has built a great workshop especially for the purposes of this new machine, and from the workshop a short line of rails runs, along which the machines will travel when the next experiments are tried, in about two months' time. "You see that wood?" he exclaimed, pointing to a thick wood in the park nearly a mile from the workshop, "well, the rails are going to be run all the way there. It will be necessary, as the machine has to have a long run in order to make it rise at an easier angle from the ground. No birds can rise straight up from the ground, and machinery could not be made strong enough to take this machine straight up into the air. It has to rise gradually. Now, with regard to what I am doing with people to talk about its carrying dynamite and other things. Let the machine first show it can carry itself and then we'll see what else it can carry besides. Last year I carried out some very accurate experiments with complete apparatus and found that it was an easy matter to sustain and carry in the air at forty-five miles an hour a weight of 133 pounds at the expense of 1. H. P. I found that the higher the speed the less the H. P. required to sustain the weight in the air. The experiments were tried at speeds varying from twenty to ninety miles an hour.

"At the present moment I am making a machine on the same general lines, but with an enormous amount of power, using a steam generator of great strength and lightness, having petroleum for fuel and a compound engine made of tempered spring steel. The frame-work of the apparatus is made of very light and hard steel tubes mounted on wheels. In the experiments for which I expect all will be ready in two months, the machine will be run in a straight line on ground to find how much it will lift. Last year in the experiments the machine ran round a 200-foot circle and carried weights from 20 and 100 pounds, and on some occasions as much as 250 pounds with a little machine driven by a single screw propeller, and carrying a dynamo-motor, indicating that with every pound of push given by the propeller 14 pounds could be carried by the aeroplane. The new machine has two screws of very large size, and will be run on a track in a straight line, with carrying arrangements for ascertaining how much it will lift. If it is found that it lifts as much in proportion to the former and as in proportion to the square foot of plane as the small one did last year, it will lift as much as four times its own weight. If it is found that the lift is greater than the weight of the machine, and if it is found that it can be made to lift equally at both ends and sides, then it will be released from the earth and run at a velocity sufficient to raise it from the track.

"If nothing has been overlooked in the mathematical calculations, then the thing will go, and if the thing goes it will do anything, as the world shall see.

"Prof. Langley tried similar experiments only on a very small scale and arrived at the same conclusions so far as concerned the power required. Prof. Langley was good enough to say that, in case the large planes and screws worked with equal success, in proportion as the small ones, the machine would raise itself in the air, but anticipated it would be very delicate business at first to steer it in a rolling and eddy atmosphere. At first the machine will be tried only in a calm, and every provision has been made so as not to have any mishaps or accidents. I believe the thing will go, and then, as I say, I will, with it, rearrange the map of Europe."

"If it goes will you part with it to the highest bidder or do you mean to gratify your own personal political wishes?"

"Well, I expect if it goes I shall be able to get a good many millions for it from any one of the half dozen or more governments, and I really think I shall go in for honor as well as money. You see, I am well known on the Continent, where I have several friends who are working with me. So far as complete drawings of the machine are concerned there are none, for it is not yet completed in my own mind, and no one is going to see any drawings of it for a long while to come."

### Now and Then.

Father—"Come, now, my son; stop beating about the bush. Will you bring the coal?"

Old Uncle John—"When I was a boy I didn't beat about the bush much; if I was slow about doing an errand the bush had a fashion of beating about me."

### The Moon's Influence

Upon the weather is accepted by some as real, by others it is disputed. The moon never attracts corns from the tender, aching spot. Putnam's Painless Corn Extractor removes the most painful corns in three days. This great remedy makes no sore spots, doesn't go fooling around a man's foot, but gets to business at once, and effects a cure. Don't be imposed upon by substitutes and imitations. Get "Putnam's," and no other.

### A Teacher.

Preachers have preached me sermons, I have slept their sermons through; All my relations have lectured, My friends have lectured too.

My foes have given me warnings, And I have taken them not; Friends and foes and relations I never headed a jot.

Their words were the essence of wisdom, There was nothing they didn't foresee; And not one atom of all they said Has ever remained with me.

They were staid and pallid and solemn, They were gray and wrinkled and old; My teacher has cheeks of roses, And hair of the sun's own gold.

His words run into each other; He stammers and babbles and cries; He doesn't know he is powerful, He never dreams he is wise.

But in three short years he has taught me More than those graybeards staid Had taught in the seven-and-thirty Before he came to their aid.

### A Double Surprise.

Wilkins—"Will you marry me, Miss Harte?"

Miss Harte—"This is so sudden, you surprise me. Yes, I will."

Wilkins—"And, by Jove, you surprise me, too. I was sure you wouldn't accept me. So sure in fact that I had \$5 bet on it. Now I'm five out."

### Around the World in Eighty Days.

Did Jules Verne ever think that his imaginary Phileas Fogg would be eclipsed by an American girl, who once made the circuit in less than seventy-three days? But Phileas had to take "second money." The fame of Dr. Pierce's Golden Medical Discovery has gone around the world long ago, and left its record everywhere as a precious boon to every nation. In the whole world of medicine, nothing equals it for the cure of scrofula of the lungs (which is Consumption,) Coughs and bronchial troubles succumb to this remedy, and the blood is purified by it, until all unsightly skin blotches are driven away. Don't be skeptical, as this medicine is guaranteed to every purchaser. You only pay for the good you get.

### Large poppies have appeared on French broadsides.

### How She Became a Missionary.

"I'm doing missionary work a good deal of the time," was the reply of one of the most charming women of New York, to a friend, who asked how she busied herself. "I see by your looks you wonder what I mean by that. I'll tell you. A few years ago life was a burden to me. I had been a victim to female weakness of the most aggravated character for a long time, and the doctors failed to help me. Existence was a long, steady, terrible torture—a lingering, living death. One day I saw Dr. Pierce's Favorite Prescription advertised in the newspaper. Something in the advertisement impressed me favorably. I caught at the glimmer of hope it held out as the drowning man is said to catch at a straw. Still, I did not dare to hope. But I got the medicine, and behold the result! I feel so well, so strong, and O, so thankful, that I go about telling other women what saved me. In no other way can I so well show my gratitude to God, and to the man who has proved such a benefactor of women, and my love for my suffering sisterhood."

The milliners are taking well to the *peau de soie* ribbons.

### Falling Off a Log.

"As easy as falling off a log," is an old saying. When it was first uttered, nobody knows. Nothing is easier, unless it is the taking of a dose of Dr. Pierce's Pleasant Pellets. These act like magic. No gripping or drenching follows, as is the case with the old-fashioned pills. The relief that follows resembles the action of Nature in her happiest moods; the impulse given to the dormant liver is of the most salutary kind, and is speedily manifested by the disappearance of all bilious symptoms. Sick headache, wind on the stomach, pain through the right side and shoulder-blade, and yellowness of the skin and eyeballs are speedily remedied by the Pellets.

Fine ostrich feathers are quite noticeable among elegant effects.

A neglected case of cold in the head may cost you your life. Why run the risk when Nasal Balm offers you a speedy relief and certain cure. Sold by all dealers. Try it.

"It is the little things that tell," says an old adage. Yes, especially the little brothers.

### GIBBON'S TOOTHACHE GUM.

For sale by Druggists. Price 15c.

Visiting and carriage toilettes are announced of brocades, small designs, with satin panels, vests, etc.

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but T. A. SLOCUM of 186 West Adelaide St., Toronto, Ont., must feel more than ordinary pride in the success of his valuable preparation, for the cure of lung diseases viz: SLOCUM'S OXYGENIZED EMULSION OF PURE COD LIVER OIL. No preparation of the kind has ever met with the same success in the same time and the testimonials in its favor are all from the most authentic sources. Every druggist sells it, 35 cts. per bottle.

Pearl white silken fabrics are more favoured than the bluish or dead white, or delicate cream shades.

### Blood Supply.

To one cupful of boiling milk add same quantity of St. Leon water "cold." Drink before, with or after meals freely as necessity requires. You will feel such glow, inconceivable warming and thrilling of the pulses such bracing of nervous power, such elevation of vital and mental force inconceivable, surpassing all preparations to supply life ever discovered. "We possess overwhelming authority."

Some very neat crepes are in striped designs, covered with tiny flowers.

### Dr. T. A. Slocum's

OXYGENIZED EMULSION OF PURE COD LIVER OIL. If you have difficulty of Breathing—Use it. For sale by all druggists. 35 cents per bottle.

Wedding gowns of lampas, introducing many silver threads, are about the most expensive seen.

Would you like to exchange your sallow cheeks for those glowing with health's roses? Then try Dr. Williams' Pink Pills. They rebuild the system and make life as bright as childhood's dream.

### Are Newspaper Directories "Privileged Publications."

A most interesting suit has been brought against Geo. P. Rowell & Co., of Newspaper Directory fame, which will be interesting to all newspaper publishers. W. D. Bryce, Publisher of the Chicago Ledger and Saturday Blade, have entered action against the New York firm for \$50,000 damages. The cause of this action is a subject in which every publisher and advertiser is interested. Laying aside the question of damages, which interests no one except defendant and plaintiff, the point as to what right any newspaper directory publisher has to guess at the circulation of any newspaper, and print it, will possibly be decided in a legal way before this case is finally adjusted through the courts. Every editorial association has discussed this question at each meeting, but no legal test has heretofore been applied. It is the opinion of some lawyers that newspaper directories are not "privileged publications," such as R. G. Dun's and Bradstreet's. They are not issued with a key and under contract that they shall not be used by any one except the subscriber. Therefore it is their opinion that the publisher of a newspaper directory must either print the figures given him or leave the circulation rating of the paper out entirely or make himself liable for any damages arising from wrong quotations. The case will be watched with considerable interest.

Velvet peaches, with their foliage, on a deep cream satin, which set off the natural shades, are said to have made the beholder's mouth water.

Athletes all over the world chew Adam's Tutti Frutti Gum. Healthful and beneficial and aids digestion. Sold by all Druggists and Confectioners, 5 cents.

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Use the B. F. P. COUGH DROP. Ask your Druggist, Grocer, or Confectionary for them. Manufactured by the TORONTO BISCUIT AND CONFECTIONERY CO., Toronto.

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### DIVIDEND No. 71.

Notice is hereby given that a DIVIDEND OF FIVE PER CENT. for the current half year, being at the rate of TEN PER CENT. PER ANNUM upon the paid-up capital of the Bank, has this day been declared, and that the same will be payable at the Bank and its branches on and after TUESDAY, THE FIRST DAY OF DECEMBER next.

The Transfer Books will be closed from the 16th to the 30th days of November, both days included.

By order of the Board. D. COULSON, Cashier.

Toronto, October 21st, 1901.

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Beware of Imitations.  
NOTICE OF AUTOGRAFPH OF THE GENUINE HARTSHORN'S  
Stewart Hartshorn

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I have a positive remedy for the above disease; by the use thousands of cases of the worst kind and of long standing have been cured. Indeed so strong is my faith in its efficacy, that I will send TWO BOTTLES FREE, with a VALUABLE TREATISE on this disease to any sufferer who will send me their EXPRESS and P.O. address. T. A. SLOCUM, M. C., 186 ADELAIDE ST., WEST, TORONTO, ONT.

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Instant Relief, Permanent Cure, Failure Impossible.

For so-called diseases are simply symptoms of Catarrh, such as head-cold, partial deafness, loss of sense of smell, foul breath, hawking and spitting, nausea, general feeling of debility, etc. If you are troubled with any of these or kindred symptoms, your Catarrh, and should lose no time in procuring a bottle of NASAL BALM. It is warranted in time, neglected colds in head results in Catarrh, followed by consumption and death.

NASAL BALM is sold by all druggists, or will be sent, post paid, on receipt of price (50 cents and \$1.00 by addressing FULFORD & CO., Brockville, Ont.

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## HAY FEVER CURED TO STAY CURED.

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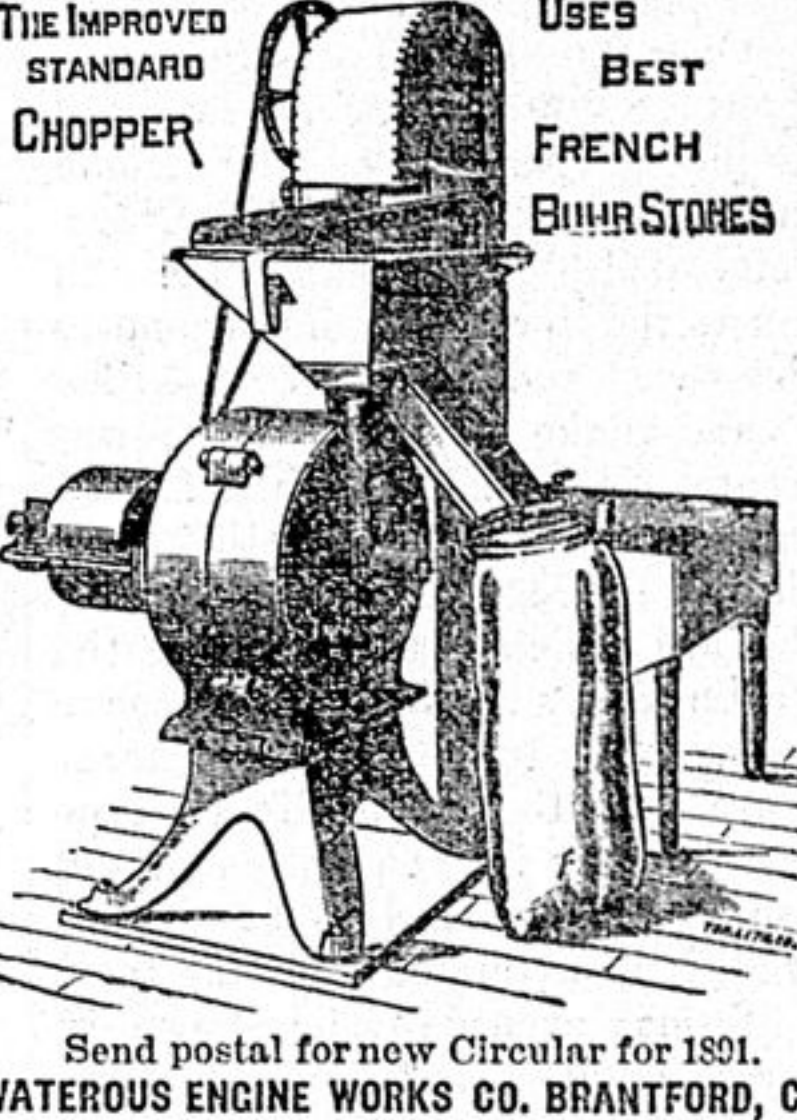
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Is the only reliable and safe Soap to wash your head with. It preserves the hair, makes it grow, keeps the scalp healthy.



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