

ENERGY FROM AIR IS LATEST CLAIM Bostonian Asks Congress to Provide Protection for Discovery by Special Act.

Is the greatest discovery of the age, not of all times, about to be revealed to the world and place at the disposal of the United States Government? Only one man knows, but Congress, just before adjournment, adopted a resolution which will lead to the answer to this question.

A Bostonian, Garabed T. K. Giragossian, came to Washington recently and announced to the committee on patents that he had discovered a new source of energy and had devised machinery to be operated by this heretofore unknown, or little known, force. Just exactly what Mr. Giragossian has invented he did not make plain to Congress, but only enough was disclosed to show that he had discovered the secret of using the mighty cosmic forces to drive machinery; that he had learned how to store for motive purposes the infinite streams of energy that ceaselessly flow through the vast space of the universe.

Kelvin's Prediction Recalled.

This sounds vague, but that was the way the discovery was described by one of the members of Congress who became interested, and he pointed out to the fact that Lord Kelvin had predicted that in some time some man greater than his fellows would discover "the secret of harnessing for man's use some portion of the infinite energy which holds the stars in their appointed courses and maintains the orderly movements of the whirling masses."

Mr. Giragossian claims that he has arrived at this secret through 20 years of scientific study. He came to Washington asking that his invention be safeguarded by a special act of Congress, and offered his device and access to the Government if, at a demonstration which he proposes, it pronounced feasible and practicable five recognized scientists, who are being vouched for by the Secretary of the Interior.

Coal Would Be Unnecessary.

Naturally enough, when a bill to protect this invention was brought into Congress it was ridiculed by skeptical members, but it found many supporters, who thought that the discovery should be investigated, on the ground that it might be all the invention claimed for it. It was shown that Mr. Giragossian could actually harness these unknown forces, if he could, so to speak, pick power out of the air, he could save the millions of dollars that go annually into coal for the generation of steam and electricity, and could accomplish unbelievable things not only for the United States Government, but for the entire American people.

When certain skeptics in the House undertook to ridicule the claims of Giragossian, some of the older members came to the inventors' defense and showed how some of the latest inventions of the last century were ridiculed when first proposed. Mr. Saunders, of Virginia, first came to the defense of the Boston inventor by saying:

"He has no perpetual motion machine. He connects his machine or mechanical device, with the infinite forces of the cosmos, as I understand contention, and diverting its power from this infinite source, his machine will continue to run until it will wear out and must be replaced, just as the mighty turbines driven by the falling waters of the Niagara must be replaced, though mainly speaking the power that drives them will go on forever. It is a claim that is true, but he asks only that we afford him the opportunity to make good his contention without money and without price on our part."

Langley Case Sighted.

Jack Joe Cannon contributed his to the discussion. He said: "I want to say a word about the flying machines. Professor Langley died believing he was ridiculed to death at his flying machine. He appeared before the committee on appropriations that I had the honor to preside over, and he said: 'I want \$50,000—whichever it was—to experiment. 'What is it, I said, 'propeller?' 'Oh' said he. 'I want to perfect a flying machine.' Said I: 'My dear sir, 'Now, Mr. Cannon, do birds fly, and are they not heavier than air?' 'I came down, as Davy Crockett's coon offered to do when they Crockett was out with his gun. reported it, and we had a lively contest in the House to pass it, and they used it in the Senate, they made fun of it, and the newspapers made fun of it, and yet he had a flying machine; developed the machinery you see. had the idea. His engine was imperfect, that it was good enough to fly for a minute, and it made things follow. And now we have a flying machine."

Germany's Losses.

Germany cannot win. Though false bell at the beginning, her declaration that now she fights defensively and will so continue to the end, at Verdun, so along the whole western line she cannot pass; and she reached her limit in men, machines and money. On "the day" in 1914, virtually one-sixth of the population, 11,500,000 males of ages, were available for military use in a war lasting four years. At the end of three years all had been sent to the colors in this order: Original mobilization, 4,500,000; trained reservists called to February 1915, 800,000; recruits to January 1915, 450,000; untrained land army in 1915, 1,250,000; previously exempted men in 1915, 300,000; class of 1916 called in 1915, 450,000; previously exempted men in 1916, 200,000; land army in 1916, 450,000; of 1917 called in 1916, 450,000; contingent of previously exempted men late in 1916, 800,000; of 1918 called in 1917, 450,000; of 1919 called in part in 1917,

200,000; additional previously exempted men in 1917, 1500,000; class of 1920 still uncalled, 450,000. Grand total 11,500,000.

Killed, disabled and captured, 4,000,000.

Wounded under treatment, 500,000.

Permanently exempt, industrially employed abroad, etc., 1,500,000.

In actual service at all fronts, on lines of communication and at interior stations, 5,500,000.

These figures were compiled by the Associated Press and are accepted as substantially correct by all recognized authorities. The losses for 1918, based upon the records for the last three years, will exceed 1,300,000. To take the places of these killed and disabled, the maximum possible reserve is 800,000, of whom more than 600,000 are boys under 19. Clearly, Germany is "all in."—George Harvey in the North American Review.

Germany's Penalty.

We all know what the last year and a half of the civil war meant to the south; it well-nigh annihilated their youth. Boys and old men were called to the front, and half a century after the struggle the south is only beginning to recover. This is what another year of the war will mean to Germany. On the western front French, British and American manhood will divide the cost of the battle in human life. But the German manhood will have to defray it all and the tax will, therefore, be enormously higher upon the German.

Germany, by using enslaved populations, by using prisoners, has been able to put a far greater percentage of her manhood on the firing line than her opponents; this has enabled her to hold off her enemies and still enables her to do it, but it has also compelled her to use up a far greater fraction of her human capital and thus cripple herself in the after-war recovery.—Frank H. Simonds, in American Review of Reviews.

Losses Abroad.

There is a wide discrepancy between the lurid accounts of fighting in Europe and the actual facts so far as they can be ascertained. One statistician who pretends to have foundation facts claims that all the fighting is not more dangerous to life than crossing Broadway. Sir Charles Ross, who presents figures concerning the recent great battle of Messines Ridge, says that there were 280,000 men engaged, of whom 1,400 were killed or totally disabled; 6,000 were able to walk off the field after being wounded, and 2,600 had to be carried on stretchers.

These figures, if accurate, are a strong contrast to our comparatively small battle of Shiloh, where out of 39,000 men whom Grant had, there were 1,437 killed, 5,679 wounded and 2,984 missing, making a total of 10,100.

Up until the present time the percentage of casualties in the French army has been:

Battle of Charleroi and of the Marne 5.41

First six months of 1915 2.39

Second six months of 1915 1.68

First six months of 1916 1.47

Second six months of 1916 1.28

It may be admitted that this does not greatly surpass the casualties that will happen to 100 men in active civil life. Almost that many men will be killed or injured with automobiles, railroad crossings, building operations etc.

British Drive in Flanders Incomparable.

In its technical aspects, the latest British drive in Flanders has been well-nigh incomparable if not beyond all comparison in the present war. In the scientific use of great masses of artillery and the protection afforded to charging infantry, the British army is now unsurpassed. Whenever Marshal Haig determines to take a strip of the German defenses, a mile-deep on an eight or ten mile front, the Germans are unable to prevent him from carrying his purpose into effect. Nor are the Germans able to do the same thing in their turn. A definite superiority in this kind of offensive fighting has been established by the British, based upon their marked precision in heavy gunfire and ponderance in heavy blows at frequent intervals, and this steady hammering seems to be the most encouraging aspect of their recent work in Flanders.

It is not so much the ground actually gained in these powerful drives that count most, although the capture of dominating positions in the terrain is highly important to future operations. If the British have the strength to keep up the rapid succession of blows, the terrible pounding and the constant advance, however slow, must finally wear out the stoutest-hearted enemy. Future developments will reveal the actual significance of the present success which Marshal Haig has won.—Springfield Republican.

Popular Sayings.

All of us frequently use expressions of which we do not really know the meanings. Did you, for example, know that noon is the traditional hour for a wedding ceremony because in the olden days in England the bridegroom could not be relied upon to be sober any later in the day than this hour?

Did you know that the word "tip"—means a fee given to a servant—is made of the first letters of the phrase "to insure promptness," and that the inscription used to be on money boxes in every tavern in which travelers were dropped their coins, which later were divided among the servants?

Did you know that when we say that we give a person the "cold shoulder" that it was of a custom once prevalent in France of serving a cold shoulder of mutton instead of hot meat to a guest who had stayed longer than he was welcome?

Did you know that an unmarried woman is called a "spinster" because

in olden days they were prohibited from marrying until they had spun a full set of bed furnishings, and because of the time they thus spent at the spinning wheels were called "spinsters."

FORT COLUMBIA NEWS

10th Company, C. A. C., Subscribes \$2450.00 for Liberty Bonds.

Today is Sunday and the boys are listening to something unusual in camp, the Edison War Phonograph and records which were sent to us by the Honor Guard Girls and others at home. At present the boys are studying it harder than any of their military books. It has brought more cheer into the camp. No better gift could be made to the boys and they sure appreciate it.

Corporal Wicklund and ten men are still picking cranberries at Ilwaco. Some of the boys quit the job while others took their place. They could not earn the salt in their bread so they say, however a few of them are making quite a bit of spending money.

Last Thursday the 4th, 7th and our company went to Fort Canby where we had field sports with the companies of that place. There were a few speeches made on the Liberty Loan Bonds by citizens of Astoria and Ilwaco. We did not fare very well in the result of the games which were played as several of our best men are cranberry picking. Tuesday our men will go to Fort Stevens, where they will have an elimination contest, the real game will be played on Wednesday at the same place. We are all looking forward to this event with great hopes. The boys are training hard today. Sgt. Swenson putting them through in great style. The events will be the 100 yard dash, baseball relay throwing, hand grenade throwing, relay race and tug of war. This meet on Wednesday will close the Liberty Loan Bond Campaign.

The total of the bonds subscribed by the three forts up to the 19th totaled \$101,000.00. The subscriptions are pouring in heavy these days. Our company has subscribed up to date \$2450.00 not including the officers. Following is the list of names of the men who have subscribed to the bond issue and the amounts.

Corporal Doty	\$100
Corporal Blair	100
Corporal Haugen	100
Cook Reed	100
Private Bailey	100
Private Craven	100
Cook Gist	100
Private McGinnis	100
Private Provost	100
Private Smith, H.	100
Private Vanderpool	100
Private Wallace	100
Sergeant Harrison	50
Sergeant Keldson	50
Corporal Gibson	50
Corporal Luti	50
Mechanic Goldsmith	50
Mechanic Riefenberg	50
Bugler Simmons	50
Private Thomas W.	50
Private Cochran	50
Private Cooper	50
Private Eggleston	50
Private Fitzpatrick	50
Private Mason	50
Private Maxwell	50
Private Myers, R. W.	50
Private Shultson	50
Private Slyter	50
Private Stark	50
Private Thomas, R. O.	50
Private Trusty	50
Corporal Hare	150
Private Wooley	50

Total \$2,450

On October 13th the following appointments were made: Private Forest M. Gist as cook; Private Victor F. Learned as assistant cook; Private Provost, Stark, Lloyd Woods, N. E. Myers, Dougherty, Maxwell, Mann, S. O. Blanchard and McCabe as privates 1st class.

The Second Liberty Loan.

The people of the United States have been asked to lend to their government at least \$3,000,000,000 and \$5,000,000,000 if they will. The money is to be used in the establishment of peace, though it is a loan for the prosecution of the war. It is the second Liberty Loan, the four weeks' campaign for the raising of which is now under way under the leadership of William G. McAdoo, secretary of the treasury. Secretary McAdoo is now touring the nation addressing large throngs on the subject of the war and how it is financed. He is entitled to speak on the subject for at least two reasons. He is secretary of the treasurer; he has three sons in the United States navy serving their country.

Like him, many other parents have sons in the war—some in the trenches and some in the naval service. Unlike him, thousands have no part in the war, neither themselves nor members of their families. The only way most people can serve is through means, financial aid or food production and saving. The Liberty loan is the popular opportunity. It is our big chance to serve. Every family at least should buy a bond.—Oregon Farmer.

What the Chauffeur Was Not Called

The chauffeur had applied for a position with a rich family which aspired to be considered "top-notch" socially, and was being interviewed by the mistress of the house.

"We call all our servants by their last names," she announced. "What is your last name?"

"You had best call me Thomas, ma'am," replied the applicant.

"No, we insist that you be willing to be called by your last name. Otherwise you won't do at all."

"Oh, I'm willing, ma'am. I don't think the family would like to use it."

"What is your last name, then?"

"What is your last name, then?" said the prospective employer, somewhat coldly as though she expected a revelation of international scandal.

"Darling, ma'am—Thomas Darling."

NOW IS THE TIME TO BUY

Winter's Flour

OLYMPIC FLOUR, \$11.00 bbl., \$2.90 sk.

Olympic Flour is the Best.

Golden CROWN FLOUR, \$10.80 bl., \$2.75 sk.

Hard Wheat High Patent.

PURE CANE SUGAR, \$8.25 sk.

COUNTRY SHORTS, \$40.00 ton, \$1.80 sk.

MIDDLINGS, \$50.00 ton, \$2.40 sk.

We want your business.

RAY & CO.,

TILLAMOOK, ORE., Sanitary White Store.

Both phones.

BOB FITZSIMMONS LOSES LAST FIGHT.

Former Champion Pugilist Victim of Pneumonia.

Chicago, Oct. 22.—Robert Fitzsimmons, former champion heavyweight pugilist, died early today of pneumonia, after an illness of five days.

The former champion was taken ill early last week with what was at first diagnosed as ptomaine poisoning. Later it was discovered he was suffering from double (lumbar) pneumonia, and physicians declared he could not live. His remarkable vitality sustained him until Saturday, when he lapsed into unconsciousness, from which he did not rally, except at brief intervals.

Mrs. Fitzsimmons, wife of the former champion, was appearing with him at a local vaudeville house and was with him until death.

Although a native of Cornwall, England, three other countries, New Zealand, Australia and the United States claimed him, by reason of his residence in each of these countries.

After coming to this country, he became naturalized as an American citizen.

"Bob," as he was familiarly known, became "converted" more than a year ago. He ascribed his conversion to the efforts of his wife, Mr. and Mrs. Fitzsimmons engaged in evangelistic work throughout the United States.

Inhuman Warfare.

The English government has announced that it will adopt a new policy of warfare on the western front. Up to this time the allies have confined their military operations to such acts as are recognized by the long established rules of warfare among civilized nations. But the Germans have not been troubled by any such scruples and have not hesitated to blow up ships carrying women and children, drop bombs on towns containing none but non-combatants, including for the most part women, children and old people and invalids, and carrying on so far as was in their power, a ruthless, heartless, inhuman reign of terror, with the idea of scaring the people behind the lines into making peace on any terms. But the people would not scare, and now they have forced their opponents to adopt the same course, and from now on it has been announced that German towns and villages behind the lines will be bombed and the people who have incited this system will be given a taste of their own medicine.

So far, such bombing of German cities as has been carried on has been of military depots or munition factories, but in the future the allies will not be so careful of the German sensibilities. This at first thought will not appeal to some, perhaps, who may think it is a mistake to lower the allied standards of morality and humanity by adopting the German's own methods; but a little study will justify it. In the first place, it will tend to put the parties on a more even footing and will deprive the enemy of one big advantage which he has held ever since the war began. In the second place, while it is, of course, barbarous and heartless, as applied to those behind the lines, it will probably be the means of saving more than enough lives of soldiers by shortening the war by bringing the war home to the German people themselves and carrying to them a realization of what that sort of warfare means, to much more than counterbalance the havoc wrought behind the lines and among non-combatants.—Observer.

DR. WISE

Can be Found on

MONDAY AT TILLAMOOK
TUESDAY AT CLOVERDALE
WEDNESDAY AT TILLAMOOK
THURSDAY AT TILLAMOOK
FRIDAY AT TILLAMOOK
SATURDAY AT WHEELER

Both Phones.

HAVE YOU BOUGHT YOUR LIBERTY BONDS? Do It Now.

East Via California

Is a pleasant winter route. Travel in comfort through a land where it is always summer.

There's San Francisco, San Jose, Del Monte, Monterey, Pacific Grove, Santa Barbara, Los Angeles, Long Beach, Venice and many other charming resorts, and much beautiful scenery enroute.

Three Daily Trains

Portland to San Francisco. Standard and tourist sleepers, dining cars, solid steel equipment. Particularly attractive at this season of the year.

Ask your local agent for particulars

JOHN M. SCOTT, General Passenger Agent,
Portland.

SOUTHERN PACIFIC LINES.

"Results are Better"

MITCHELL
Mitchell Motor and Service Co., Seattle
"results are better and cost of operation considerably lower while using Zerolene."

BUICK
J. D. Lauppe, Sacramento
"have found Zerolene to be a satisfactory lubricant for Buick automobiles."

DODGE
H. O. Harrison Co., San Francisco
"gives perfect satisfaction."

MAXWELL
Cuyler Lee, Oakland
"Zerolene has given us perfect satisfaction."



ZEROLENE

The Standard Oil for Motor Cars

Endorsed by Leading Car Distributors

—because the records of their service departments show that Zerolene, correctly refined from California asphalt-base crude, gives perfect lubrication—less wear, more power, least carbon deposit.

Dealers everywhere and at our service stations.

STANDARD OIL COMPANY
(California)

For tractors, Zerolene Heavy-Duty is especially recommended.

STAR GARAGE.
TILLAMOOK GARAGE.

DR. ELMER ALLEN,
DR. GEORGE J. PETERSON.
Dentists.

National Building.

Tillamook,

Oregon.