### **JACKSON COUNTY JOURNAL, SYLVA, N. C.**

# NEW LAW OF NATURE FOUND BY INVENTOR OF THE PERFECT RADIO

Puzzle of Static Electricity Has Been Solved by R. A. Weagant-Invention in Use by Allied Governments During the War Will Be Given to the World When Peace Is Finally Concluded-Great Saving of Time and Money.

new law of nature."

New York .- "I have discovered a eliminate static; or. (2) to improve the wireless note by method of appara-

the day of Sir Isaac Newton, who was fate of his invention." credited with the discovery of the law of gravitation, has a real law of nature been added to the world's collection of marvelous scientific phefor the eighth wonder of the world.

them have been unfortunate in being cially aphounced. illy rewarded for their labors might indicate a bashful nature. No one, Weagant, chief engineer of the Mardispute the fact that he is modest. He is the young man who, after ten years striven for. of scientific research into wireless phenomena, has solved the puzzle of six or seven hours' communication a 1912 joined the Marconi company. He static electricity and by means of a day across the Atlantic and across the is a comparatively young man with new law of nature has eliminated that six thousand mile stretch from San bothersome element from the atmosphere so that wireless has become a perfect means of communication for extremely long distances. His inven- have been impossible to get all the tion has already been in use by the allied governments during the war and tried to scatter over the world. Now he is ready and anxious to disclose the "new law of nature" to the world as to say to what extent our discovery soon as certain restrictions are removed by the conclusion of peace.

"A Simple Matter."

"It is a simple matter when once you find the governing law," said Mr. Weagant to a reporter. "Radio ex-

Without hearing the rest of a mod- tus, or both, so far beyond the art as est inventor's assertions think what to constitute invention. The first has that means. That is a tremendous not been done. He who shall accomdeclaration. It is epochal. Not since plish that need have no fear of the

So the radio operators kept on searching for that principle which Mr. Weagant has at last found. We have his word for it, and the word of Ednomena. One may expectantly look ward J. Nally, vice president and general manager of the Marconi company,

Newton may have been a modest and the fact that the perfected wireman. Perhaps all great inventors are less has been used by the government modest men. The fact that most of during the war, although not yet offi-

It has made the bridging of the at Stanstead college and at McGill North Atlantic by wireless, always the university, where he received the dewho has seen and talked with Roy A. hardest route for aerial messages, ac- gree of bachelor of science. He worked cording to Mr. Weagant, easy. It has for the Montreal Light, Heat and Powconi Wireless Telegraph company, will eliminated long distances, the most im- | er company, the Westinghouse comportant goal radio engineers have pany at Pittsburgh, the De Laval

> "Before the war we were limited to Francisco to Japan," said Mr. Weagant. "Now we can use the wireless continuously. Before the war it would 'news' which the German wireless deep-toned and convincing. we can get it all. I am not privileged has figured in the war, but I can say in a general way that almost everything the Germans sent out bearing on the question of peace was received.

#### Will Save Money.

"A considerable saving of money perts have looked for it for years and will be effected. In some sending stasome of them have claimed to have tions the power needed is cut in half. discovered it, but they were either Instead of steel masts 400 feet high, fakers or had made honest mistakes as some are, and cost \$18,000 apiece, in scientific judgment. I have got it. a mast the height of a telephone pole

that we have perfected wireless after all these years, but I know we are safe. I would like to tell the whole story, but I am restrained until the peace pact is signed. I don't expect people, including scientific men, to believe it until they use it. It is like flyingpeople would not believe it could be done until they actually saw it done." Mr. Weagant asserted that they were not seeking a monopoly of the invention, and said the British and French governments already were familiar with him while he was acting for the United States government. He said that reasonable protection would be secured, but that he intended to give his secret to the world, because of the great importance of having the best communication facilities possible everywhere.

Mr. Weagant was born in Canada. but his parents moved to Vermont when he was a baby, and he has made his residence in this country most of the time since then. He studied Steam Turbine company, the National Electric Signaling company, and in hair slightly tinged with gray and has clear, sharp gray eyes, which reflect an active and highly trained mind. He is rather diffident and retiring, but expresses his opinions in a voice that is



Italian Mothers Wept With Joy at Sight of Children Returned to Health.

Rome .- One by one the mountain camps and seaside colonies of the American Red Cross in Italy are closing for the season. In cities in the north and south, in Sardinia and Sicily, mothers are welcoming their



This British official photograph shows a part of the crowd of women and children that gave the Liverpool-Irish soldiers such a stirring ovation when they entered the town.

## **NOW MAKING GARMENTS FOR NEEDY EUROPEANS**



# WOMEN AND CHILDREN OF LILLE WELCOME LIBERATORS

That fact can be easily demonstrated is enough for receiving." and will be at the proper time. If I peace has been concluded."

the Germans had not made the discov- ward, willful, a law unto itself. ery themselves or had any knowledge of his discovery. He declared that on-Germany and that the German operamessages and use more power. That would not have happened if the Gernew method, the inventor said.

communication. Little buzzings and character. By the time this country big clatterings along the air currents, was ready to enter the war the work particularly on moist days, have persistently interrupted the clear flow of reception practically impossible. The inventor described the sound in the lem has been one largely of perfection instruments as similar to that made by some one throwing a handful of peb-June to October.

A Prophetic Decision. January 7, 1916, in which Judge Julius on the thousandth attempt." Mayer made a prophetic announcement in regard to the solving of the Kintner vs. the Atlantic Communication company et al, where the issue involved the invention of a new trans-Mayer said:

"On that date there were just two

The inventor said that the trouble should describe the details of the ap- with most of the radio experts who paratus it would be a simple matter had been experimenting with "static" for radio engineers to recognize the was that they had given up too soon. new law. We feel constrained not to Many of them came to the conclusion divulge the secret generally until that the solution of the problem was impossible. They regarded "static" as Mr. Weagant said he was positive a thing erratic, incalculable, way-

The turning point came when the Marconi engineer decided that "static" ly a few days ago he was listening was a natural law, rational and followto wireless messages being sent to ing a definite system, that only needed to be understood to be conquered. That tor requested the sender to repeat the was in 1908. Since that time Mr. Weagant has devoted the better part of his energies to ascertaining just what the mans had known how to utilize the properties of this law were. The preliminary work was done largely at ex-"Static" has been the hoodoo of periment stations in New Jersey and wireless telegraphy ever since Mar- Miami, Florida. In 1916 government coni convinced a doubtful world of assistance was enlisted and the exthe actuality of the new method of periments took on a far more definite

had reached practical completion and patent application claims had been althe wireless messages and made their lowed by the United States patent office. From that time forward the prob-

of detail. "All I did was to set out to discover bles against a glass window. On cold, the new law of nature and make it snappy days the adverse atmospheric work for man, and that's all I have condition has not been so bad. But done," said this modest inventor. "I the trouble was always the worst from set up all sorts of hypotheses and constructed all sorts of apparatus, and that the brown, sturdy youngsters who when one theory wouldn't work I tried rush into their arms are the delicate Mr. Weagant recalled a decision in another. It was like failing in 999 Giuseppinas and the anemic Angelos

Of course the question came up again as to just what the inventor had static problem. It was in the case of found out, what the new law of nature was. And what millions of laymen and a few thousand scientists, They are written laboriously and who were taking the attitude of the mitter for wireless apparatus. Refer- Missourian, wanted to be shown. It ring back to the "state of the art" of | was stated that some of them had pubwireless communication on July 1. licly doubted the solving of the "stat-1907, a date figuring in the case, Judge ic" puzzle. The inventor smiled and shrugged his shoulders.

"That's quite natural," he said. "It possibilities: (1) To annul, exclude, sounds big to make the announcement

~~~~~

Mother Greeting Child Returning From Camp.

children home and rejoicing in their changed appearance.

"It is amusing to watch mothers seeking to recognize their little ones," writes one of the American Red Cross workers. "And it is touching to see their delight when they at last realize the United States district court on ways and finding what you are after who left them earlier in the summer."

> Pouring into the Rome office, the headquarters of the American organization in Italy, are letters from these mothers telling of their gratitude. painstakingly, the majority of them, each cramped character eloquent of earnest sincerity in this, the penned expression of their gratitude. Following is one of the many received:

> "I. Maria Ferrario, mother of Angelo Ferrario, am overjoyed at the improvement in health of my little son. He returned from the mountain camp of the American Red Cross at Gressonei, which he stood in such great need. I itude for your kindness. May God protect and bless the kind benefactors who have done so much for the children of Italy's soldiers."

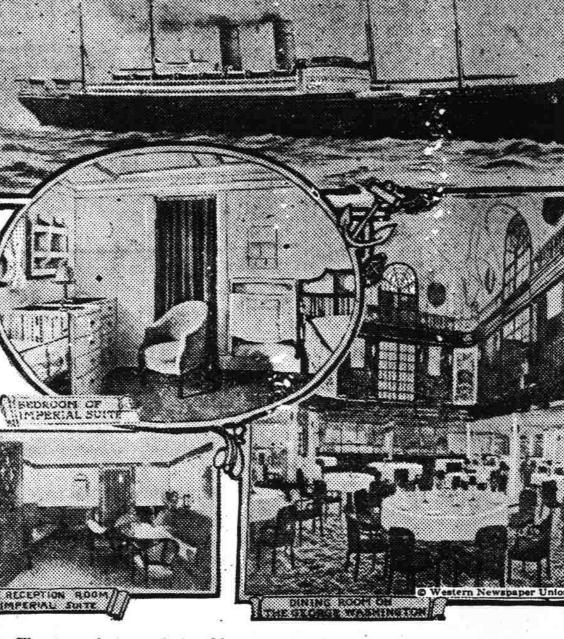
TEXAS OIL INDUSTRY BOOMS War Stimulus Results in Development

of Refineries With 278,500 Barrels Capacity.



bandages and is now making garments for the French and Belgians, who are in need of clothing. In the foreground at the machine is seen Mrs. Payne Whitney.

### SHIP WHICH CARRIES THE PRESIDENT



The top photograph in this group is that of the George Washington, fat and with color in his cheeks, of upon which President Wilson is making his trip across the water to the peace conference. Below the ship itself are views of the elaborate interior can find no words to express my grat- of the vessel, including the dining room and two scenes in the "imperial suite."

too.'

Man's invisible Partner. In Bavaria, where the crown prince, When we learn to depend more on the man within than we have been and indeed all Prussians, are hated, accustomed to do on the man with- they tell a story about a burglar. out we shall learn the worth of the A burglar, the story runs, returned invisible partner. Born with us at home in the dawn light in a dreadful the cradle it waits only the touch of temper. wisdom to bring it out. It grows with "What's the matter?" said his wife. going to do about it.' us through the years-a help or a hin- | "Didn't you have no luck?"

LIEUTENANT IN RADIO CORPS

Miss Lorena Reed of Richmond, Me., vho has just been appointed a second lleutenant in the radio corps of the signal department of the army. Miss Reed is one of the most capable women electricians in Maine. She has done excellent work in radio operating, having qualified in a Boston school.

#### The Remedy.

Discussing the influenza epidemic and the many so-called influenza cures, Dr. Horace Whitney Williams said in a lecture at the University of Chicago:

"Isolation, warmth and perfect care are the only treatment. The so-called cures remind me of .. story about a grocer. To this grocer a patron brought back a pound of butter.

"'I want to complain about this batter. It's awful,' the patron said.

"The grocer sniffed it. 'Smells sweet enough to me,' he observed.

"'But, it's full of hair,' said the patron. 'I counted eight or nine hairs in it. Yes, sir, this butter's full of hair, and I want to know what you're

"'Why, make it right, of course,



This British official photograph, weich was taken on the British western front before the signing of the armistice, shows the wanton destruction with which the Germans ravaged the country that they were evacuating. This me time beautiful statue in Douai was pulled down by the enemy for the al contained therein.

Dallas.-Under the spur of war, Texas in the last year has effected a tremendous development of her oil in dustry.

Today there are in operation in this state 42 refineries, with a capacity of 278,500 barrels daily. They are capable of refining double the amount of oil produced in the Texas fields last year. Fields of unsuspected volume have been opened and made to aid in keeping ships and army motors at top speed.

In the coastal region where ten refinamuse me. eries are in operation, the first unit of a big oil plant on the Houston ship canal is nearly completed. It is intended to have a capacity of 20,000 barrels a day and represents an investment of from \$8,000,000 to \$10,000,000. American.

drance. We have much to do with him. Too many crush him out of being. Those who stop to listen to his suggestions learn life's better way. hen he is made the consulting pow-

of life's ambitions he supplies the "t\_oval urge that endows men with a misfortune! I was wonderin' how it itness and power. was that you come back with nothin'

The Suggestion.

Miss Caustic-These men who critcize so severely the wearing of over-Traveling Salesman-Has the awalened conscience yet made its appearalls and trousers by women at work ance in this vicinity?

Mr. Curious-Why so?

Miss Caustic-Because the men who instance, old Si Hubbard, who owes me \$9.87 for the last nine years, is are the loudest in denunciation are a-boastin' that never agin will he acsure to be the ones whose wives wear the breeches at home.-Baltimore cept free seeds from any danged congressman.-Buffalo Express.

Diamond Cut Diamond.

"Oh," said the burglar's wife, "what

Typical Reformer.

but your underwear on."

"Luck? Naw!" snarled the burglar. said the grocer genially, and he

"I made a mistake in the blackness, reached up and took a tiny packet, and tried to burgle the palace where from a shelf. 'Here. Here's a packet the crown prince lives. He was home, of hairpins. You can pin it back with em as you go along.""

#### Paris Libraries.

It has been found that the libraries of the city of Paris have more than justified their existence since the outbreak of the war. The number of persons frequenting the libraries and borrowing books has increased by 200,-000 since the summer of 1914. The Crossroads Storekeeper-Partly. For public taste during the war period inclined toward historical works and works of general interest. Books on special scientific subjects and on English, Italian and Russian literature have also been in great demand.

Lata Mrs. 25.