

MARCONI INVENTS NEW RADIO DEVICE

TO REVOLUTIONIZE PRESENT METHODS.

Wireless Communication to be Faster, Cheaper and Longer by Process Recently Evolved.

The fact that he has devised a new apparatus to revolutionize present methods in wireless telegraphy has been divulged by Marconi, who just returned to England from an experimental cruise in his yacht, Elettra, off the West African coast.

"I am convinced," he told a party of M.P.'s in London, "that by means of the new device which I have been able to test communication by radio will become more efficient, rapid and economical than it is at present."

By his new system he telegraphed from Cape Verde Islands, off equatorial Africa, to Marconi House London, with use of less power than an ordinary message from Paris to London. He has found out how to utilize waves that have not been used before.

By use of the new wave, he said, "we have obtained a clearer communication from small stations than from larger stations. We were in a region where atmospheric disturbance is bad, and if messages had not been sent through the new experimental plant they would not have been received on the yacht at all."

The famous wireless expert is confident that the invention holds great possibilities for the future of wireless. "Even now," he said, "it should be possible to transmit over 1,600 miles with power as low as two kilowatts or three to four horsepower, and with a strengthening of signals."

The new receiving apparatus is similar to that in use at present, with only slight modifications, and the special value, apart from cheapening of costs, is the fact that elimination of disturbances is insured from the transmitting end by the employment of a new wave.

Living on Air.

Perhaps "living on air" will not, in their far future, be so impossible as it sounds.

We are told that the huge nitrate deposits of South America cannot last for an indefinite period, and that the world will soon have to search elsewhere for nitrate with which to fertilize its cornfields.

For years past, chemists and scientists of all countries have been seeking a cheap method of manufacturing "nitrates." It is a well-known fact that the air which surrounds us is mainly composed of oxygen and nitrogen, while a "nitrate" is also a compound containing these two elements. Scientists are seeking a process by means of which these two gases will be separated from the atmosphere and made to combine to form nitrates in large quantities. The method, to be a commercial success, would have to be extremely cheap.

When this comes about, and the world draws its main supply of fertilizers from the atmosphere, we shall be able to say with perfect truth that we are "living on air!"

Mr. Pester—"Where are my new silk suspenders? I can't find them any where!"

His Wife—"You wear your old ones. Can't you see, your new silk suspenders exactly matched my dinner gown and I've made a bodice of them?"

A tramp stopped at a farmhouse one evening and asked for a job in return for a night's lodging and meals. The farmer put him to milking the cows, but a few moments later the tramp reported that the flies were so bad that the cows would not stand still long enough to be milked.

The farmer looked at his watch and replied: "Wait about half an hour, till supper time. The flies will all be in the dining room then and you can milk in peace."

Start a heaven of your own right in your own heart.

SMOKE OGDEN'S CUT PLUG



Surnames and Their Origin

Variations—REILLY, Rielly, O'Reilly, Riley, Ryley, Reyley, O'Rahilly, Rahlily, Radley, Ridel, Rellie, Raligh. Racial Origin—Irish. Source—Given name. All of the foregoing variations are traceable to an Irish source, though a few of them also may have originated from other sources in some cases.

Real Slavery. Civilized people often call themselves "slaves," but they have no conception of what real slavery is.

More than half the people in this primitive district are slaves. The proportion is kept up by the fact that the children of all slaves are slaves themselves, having no chance of release.

Golden Words. Huge sums of money have been paid in recent years for the memoirs of certain celebrated people.

Lord Macaulay got \$100,000 for his colossal "History of England," the demand for which was so great that the vans carrying it from the publishing office blocked the street.

SUMMER COMPLAINTS KILL LITTLE ONES. At the first sign of illness during the hot weather give the little ones Baby's Own Tablets or in a few hours he may be beyond aid.

The formation of these family names was not at first a conscious process. A man would be referred to as "Ralph, Gideon's son" to distinguish him from other Ralphs in the community.

Curing Dental Diseases by X-Ray.

A lamp of simple construction which can focus violet rays to the most exact speck of intense light is being used with effect against pyorrhoia germs, which die off under the treatment in millions in little more than four minutes.

The device is known as the Pashler tungsten lamp. It is the invention of Mr. F. Forbes, of West Kensington, and is installed in the surgeries of a number of prominent dentists, one of whom is Mr. R. Hodgson, a dental consultant at the Royal Waterloo Hospital.

"I cannot yet state that the lamp can cure pyorrhoia in all stages," he told the writer, "but it is certainly the most effective deterrent I know. One patient, aged fifty, was suffering from pyorrhoia, and I regarded him as a hopeless case. The patient was anxious to retain his teeth, so I decided to try the lamp.

A Common Experience. "It is a fact," said Stutter, "that my wife is able to dress on comparatively little money."

Money Orders. Remit by Dominion Express Money Order. If lost or stolen you get your money back.

What the Little Eels Missed.

A profiteer bought a luxurious country home and set about making it even more luxurious. Money of course was no object. One of his plans was to have a fishpond containing eels.

Her Intuition. He, savagely (attempting to start car)—"This self-starter won't work! There is a short circuit somewhere." She (sweetly)—"Well, why don't you lengthen it, dear?"

If you are doing good work, don't worry; somebody will find it out.

WEAK DIGESTION DUE TO POOR BLOOD. Perfect Digestion Will Come if the Blood is Made Rich and Red.

There is no tonic for the stomach that is not a tonic for every other part of the body. But the stomach depends, as does every other organ, on the blood for its energy.

Most stomach remedies try to digest your food for you. How much better it is to tone up the stomach so that it will do its own work, as nature intended. There is no pleasure in eating predigested food.

Myonard's Liniment used by Physicians. Couldn't Swindle Her. Young Mrs. Newlywed went out shopping determined that the grocer should not take advantage of her youth and inexperience.

Mysteries of Magnetism. We know that a magnet attracts iron, but no one knows the reason. Ancient writers spoke of a mysterious "stone" possessing, among other remarkable properties, the power to "draw to it the all-conquering iron."

Tongue-Twisters. There are some twisters which it is quite impossible for the tongue to repeat rapidly without a fall, such as: "Give Jim Giles' gilt gig wisp."

"A skunk jumped over a stump into a skunk hole." "What sort of a noise annoys an oyster? A noisy noise annoys an oyster."

Minard's Liniment used by Physicians. Couldn't Swindle Her. Young Mrs. Newlywed went out shopping determined that the grocer should not take advantage of her youth and inexperience.

Classified Advertisements.

WE HAVE AN KNIGHTLY FOR A WASHINGTON HAND PRESS that will take 8 pages of 7 columns. Price, \$1000.00.

A Maid's Idea of a Rug. Mrs. Blake was exceedingly fond and proud of the valuable Persian rug that lay upon her parlor floor.

MURINE FOR EYES. IRRITATED BY SUN, WIND, DUST & CINDERS.

Attractive Proposition. For man with all round weekly newspaper experience and \$400 or \$500. Apply Box 24, Wilson Publishing Co., Ltd., 73 Adelaide Street West.

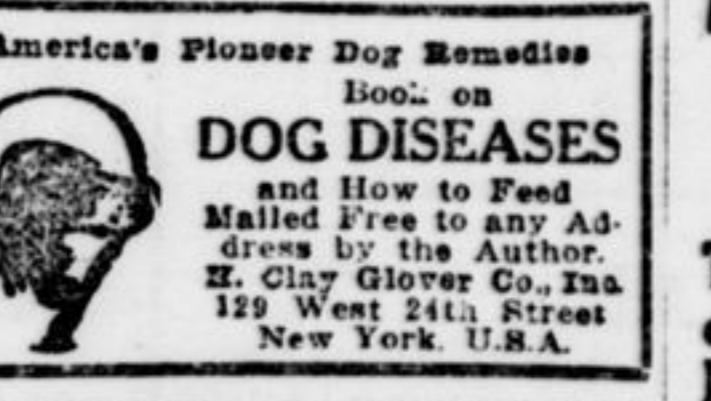
REMEMBER Don't forget MINARD'S the best remedy for Cuts, Bruises, Sprains.



MOTHER OF TWIN BOYS Tells How Lydia E. Pinkham's Vegetable Compound Relieved Her of Inflammation and Great Weakness

West St. John, N. B.—"I was in a general run-down condition following the birth of my twin boys. I had a great deal of inflammation, with pains and weakness. Finally my doctor recommended Lydia E. Pinkham's Vegetable Compound.

There are many women who find their household duties almost unbearable owing to some weakness or derangement. The trouble may be slight, yet cause such annoying symptoms as dragging pains, weakness and a run-down feeling.



Cuticura Heals Rashes

Bathe with plenty of Cuticura Soap and hot water to cleanse and purify. Dry lightly and apply Cuticura Ointment to soothe and heal.

ASPIRIN

UNLESS you see the name "Bayer" on tablets, you are not getting Aspirin at all



Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions of



A Honeymoon. Willie Bee's idea of a honeymoon.

Strange Coincidence. "Now, Tommy," said the teacher, "give me an example of a coincidence."

Be Safe!

Don't wait for someone to be in pain to get Kendall's Spavin Treatment in the house.



Only the Tin Lizzie. Farmer's Wife—"Zekke, was that 't' tin-peddler 'wot stopped in front o' 't' house jist then?"

We may not fill pulpits, but each of us lives some kind of sermon every day.

IN THE GOOD OLD SUMMER TIME

