MARCONI INVENTS **NEW RADIO DEVICE**

TO REVOLUTIONIZE PRE-SENT METHODS.

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

nation-

to do

was It

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

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

As it is well known that Marconi is extramely reticent with regard to invandious not as yet completed, this ofcoming as to new developments in the wireless made a great Actual details of the invention are not as yet available but it very much smaller amount of power energy, but faster and much cheaper than by existing methods.

By his new system he telegraphed from Cape Verde islands, off equatorial Africa, to Marconi House London, with Variations - Reilly, Rielly, O'Rielly, Variation-Getty, Geddeson. use of less power than an ordinary message from Paris to London. He has found out how to utilize waves Racial Origin-Irish. that have not been use! before.

"By dee of the new wave," he said, the yacht at all."

The famous wireless expert is conthree to four horsepower, and with a strengthening of signals."

The new receiving apparatus is simislight modifications, and the special value, apart from cheapening of costs. | year. is the fact that elimination of disturb-

Living on Air.

deposits of South America cannot last dence that Reilly and Rielly are some- ceeding generations. world will soon have to search else- the place name of "Reuilly" in France, sponsible for the variations of to-day, by medicine dealers or by mail at 25 on wheeled vehicles, which they called where for nitrate with which to fer- for in the medieval English records it the forms Geddes and Getty being ab- cents a box from The Dr. Williams' "south-pointing carts." tilize its cornfields

For years past, chemists and scientists of all countries have been seeking method of manufacturing It is a well-known fact that ch surrounds us is mainly of oxygen and nitrogen, 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 fertildzers from the atmosphere, we shall be able to say with perfect truth that we are "living on air!"



Found a Use for Them. Mr. Pester-"Where, are my new

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?"

Strategy.

A tramp stopped at a farintiouse one evening and asked for a job in return for a night's lodging and meals. The farmer put him to milking the cows, you mean by comparatively little?" 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 bour, till supper time. The fifes will all be in the dining room then and you can milk in peace.

Start a heaven of your own right in your eges beart.

SMOKE GGDEN'S CUT PLUG



Surnames and Their Origin

O'REILLY

Riley, Ryley, Reyley, O'Rahilly, Ra- Racial Origin-English. hilly, Radley, Ridley, Reille, Raleigh. Source A given name. Source-Given name.

pal ones were in Dublin, Down, Letrim helped to conceal the source. and Wexford. History traces this an- The given name is Gideon.

to historical record, in the great bat- England, as elsewhere.

times but modern developments from Natural changes of spelling are re- absolutely safe. The Tablets are sold tury the Japanese mounted compasses is found in the form "de Ruhille."

OWN

ask for

Here is a group of family names which belong to that primary classifi-All of the foregoing variations are cation of those derived from given traceable to an Irish source, though hames. The origin, however, is not few of them also may have origin- obvious for two reasons. In the first ated from other sources in some cases. place, the given name from which they There were several branches of the are derived is no longer a common Clan O'Reilly in Ireland, or, as the one, though it was quite popular in the Irish spelling has it, "O'Ragheallaigh" middle ages. In the second place a or "O'Radheolaigh." The four princi- considerable change in spelling has

cient surname back to a period just | Courage, of course, was regarded as prior to 1014 A.D., when the new clan the prime virtue in the rather tumultwas formed from the still more an- uous period in which family names be cient O'Rourk clan. This "Ragheo- gan to form, and it was quite logical SUMMER COMPLAINTS lach" or "Radhecllach" concerning the that those given names in the Old spelling of whose name there was Testament which were associated with some confusion, was slain, according this virtue became very popular in

tle with the Danes at Clontarf, in that | The formation of these family names | It is certain, however, that some of A man would be referred to as "Ralph, Own Tablets or in a few hours he man their iron nails. the names in the variations mentioned Gideon's son" to distinguish him from be beyond aid. These Tablets will pre- Large quantities of loadstone, or are not always of Irish origin. Raleigh, other Ralphs in the community. Per- vent summer complaints if given oc- magnetite are found in all parts of the end by the employment of a new wave. are not always of Irish origin. Raising, other realphs in the community. To for instance, is traced by some to the haps his son would be known as casionally to the well child and will world. A rod of this substance pointed old French given name of "Relat.", "Gideon," Ralph's son," while the third promptly relieve these troubles if they at each end and suspended will set it-There can be little doubt that in some generation would develop another come on suddenly. Baby's Own Tab. self to a north and south position. Perhaps "living on air" will not, in cases Radley is derived from the "Ralph, Gideon's son," perhaps in this lets should always be kept in every The Chinese discovered this fact and the near future, be so impossible as it name of a locality in Staffordshire. generation to lose its purely descrip- home where there are growing child- invented the compass. They used it There is a place called Ridley in Kent tive meaning and be adopted as a re- ren. There is no other medicine as for land journeys only, and were We are told that the huge nitrate also. In addition there is good evi- gular family to be passed on to suc- good and the mother has the guarantee guided by the south point of the

Only the Tin Lizzie

Farmer's Wife-"Zeke, wuz thet the

Farmer-"Naw-one o' them danged

us lives some kind of sermon every

tin-peddler wot stopped in front o' th'

house jist then?"

Curing Dental Diseases by X-Ray.

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

and destructive dental disease. 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 o whom is Mr. R. Hodgson, a dental consultant at the Royal Waterloo Hospi

"I cannot yet state that the lamp can cure pyorrhoea in all stages," he told the writtr, "but it is certainly the most effective deterrent 1 know. One patient, aged fifty, was suffering from pyorrhoea, and I regarded him as a hopeless case. The patient was anxious to retain his teeth, so I decided to

try the lamp. "In two days he returned. The teeth were much firmer, and the gums in an infinitely healthier condition. It has still to be shown whether the treatment can cure advanced pyorrhoea, but I think there is no doubt that with accurate technique it can

cure the earlier stages of pyorrhoea." The vital parts of the lamp are two short rods of tungsten metal, about the thickness of a lead pencil, and a quartz lens. Electric current is conveyed to the rods, and the violet rays silk suspenders? I can't find them any- are collected and concentrated. They are focused on the part to be treated until the sphere of light becomes a mere speck.

A Common Experience.

"It is a fact," said Stittler, "that my wife is able to dress on comparatively little money."

"What!" exclaimed Bittler, also a married man, "Come now! What do "I mean on little compared with what she thinks she ought to cave."

MONEY ORDERS. Remit by Dominion Express Money Order. If lost or stolen you get your

We cannot make progress towards perfection ourselves unless we earnestly seek to carry our fellowmen along with us .- Prof. J. C. Shairp.

Broken and the state of the sta

Real Slavery.

Civilized people often call themselves "slaves," but they have no conception of what real slavery is. They probably imagine, also, that slavery in the old sense is wiped out. It is not. down slavery on the Okavango River, in South-West Africa, and the chiefs have been notified that she does not tolerate their system.

More than half the people in this selves, having no chance of release, the blood for its energy.

They are each temporarily allotted Most stomach remedies try to digest their masters.

You may buy a slave on the Okav- If your digestion is weak and your pose being cattle.

Golden Words.

Huge sums of money have been paid in recent years for the memoirs of cer tain celebrated people. But this is not an innovation in the literary world. Winston Churchill was reported to father, Lord Randolf Churchill, and for his "Life of Gladstone." Rudyard and rundown I could hardly waik. I Young Mrs. Newlywed went as a quarter a word for a short story. It is said that Hall Caine parted with the rights of "The Christian" for \$43.-500, and it is certain that Marie Corellia has got at least as much for a

Lord Macaulay got \$100,000 for his colossal "History of England." demand for which was so great that the vans carrying it from the publishing office blocked the street. Lamartine got \$200,000 also for his history. Victor Hugo \$80,000 for "Les Miser ables," and Daudet cracked the record with \$200,000 for "Sapho,"

Even poets have made money. Tom Moore asked and got \$40,000 for "Lalla Rookh," and Tennyson for many years made \$20,000 a year.

was not at first a conceious process. hot weather give the little ones Baby's to fall to pieces by drawing from them of a government analyst that they are needle. As early as the seventh cen-Medicine Co., Brockville, Ont.

What the Little Eels Missed.

A profiteer bought a luxurious coun- electric current has passed will also try home and set about making it even become magnetised. Bars of steel are more luxurious. Money of course was formed into the familiar horseshoe no object. One of his plans was to shape in order to hold the magnetism ave a fishpond containing eels.

"But you can't keep eels in a pond," During the war an American officer suggested his neighbor, to whom he made an enormous horseshoe magnet had confided his idea. They have to from two big cannon and some steel go down to the sea every year, you rails. It was suggested that it might

"Well, I won't have 'em, then!" ex- enemy ships venturing near the coas claimed the profiteer. "I always takes but the idea was not adopted. the missus and the kids every year, but I ain't going to take no 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

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

you lengthen it, dear?"

IN THE GOOD OLD SUMMER TIME



WEAK DIGESTION

Britain at this moment is tryng to put Perfect Digestion Will Come if thrust straight through the throbbing the Blood is Made Rich and Red.

primitive district are slaves. The pro- that is not a tonic for every other part portion is kept up by the fact that the of the body. But the stomach de coal-scuttle, children of all slaves are slaves them- pends, as does every other organ, on "When a twister a-twisting will

Every kreal owner, chief, and heads- There can be no perfect digestion For twisting of his twist he three man has his slaves, who may legally unless you have rich, red blood. This be beaten if they rebel, and who spend is scientifically true. The way, then, But, if one of the twines of the twist their lives without any vestige of in- to tone up the stomach is to enrich

a field but part of the produce has to your food for you. How much better "In twisting the twine that untwisteth be given to their masters, who, of it is to tone up the stomach so that course have full command of all their it will do its own work, as nature in. He twirls with his twister the two services. When the slaves die, the tended. There is no pleasure in eatfield, and anything else they may pos- ing predigested food. Tone up your Then twice having twisted the twines sess, goes not to their children, but to stomach, then your appetite and digestion will scon be normal.

ango River, the currency for the pur- blood thin, you need Dr. Williams' The twain that in twining before Pink Pills to restore the strength to your blood; in addition use care in As twines were intwisted he now the selection of your diet and your stomach trouble will soon pass away. Twixt the twain intertwisting a twine Mrs. Charles La Rose, Fruitland, Ont., suffered severely, and tells what Dr. He, twirling his twister, makes a twist Williams' Pink Pills did for her. She says: -"I was a terrible sufferer from nervous indigestion. Everything I ate Lord Morley got a cheque for \$50,000 distressed me, and I became so weak had a pain around my heart most of shopping determined that the grocer the time, and I slept very poorly. I should not take advantage of her was afraid I would not get well, as youth and inexperience. the doctor's medicine was not helping "Those eggs are dreadfully small,"

me. In this serious condition Dr. Wil- she said critically as the shopkeeper liams' Pink Pills were recommended served her. like a new person. I will always give me. They are only just in fresh from this medicine a word of praise when the country this morning." I get a chance for I think there is "Yes," said the young bride wisely, nothing to be compared with it for "that's the trouble with these farmers, dyspeptics, or any one weak, nervous They are so anxious to get their eggs

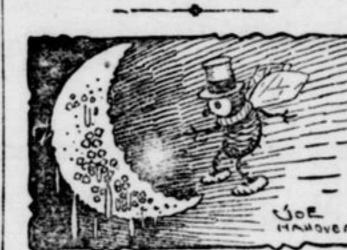
You can get these Pills from any too soon." medicine dealer or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

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 remarkabe properties, the power to "draw to it the all-conquering iron." A common superstition at one time was At the first sign of illness during the that magnetic mountains caused ships

Ordinary iron rubbed with magnetite will acquire magnetism and will pick up a needle. Steel through which an

be used to influence the compasses of



A Honeymoon Willie Bee's idea of a honeymoon.

Mi.ard's Liniment for sale everywhere Strange Coincidence.

"Now, Tommy," said the teacher, "give me an example of a coincidence." "Why-er," Said Tommy, with some hesitation, "why-er-why, me father and me mother was both married on the same day."

The wrong road never brings you to the right place.

Be Safe! Don't wait for someone to be in pain to get Kendall's Spavin Treatment in the For all external hurts and pains -for all muscular troubles.

DR. B. J. KENDALL COMPANY,

Enosburg Falls, Vt., U.S.A.

Tongue-Twisters.

There are some twisters which it is peat rapidly without a fall, such as: "Give Jim Giles' gilt gig whip."

"Thrice six thick thistle sticks

"A skunk jumped over a stump into

a skunk hole." "What sort of a noise annoys an oys-There is no tonic for the stomach ter? A noisy noise annoys an oyster." "The old cold scold sold a school

she engaged a new maid she brought twist him a twist.

times doth intwist:

do untwist, The twine that untwisteth, untwisteth the twist.

of the twine, He twitcheth the twine he had twined

in twain.

more between

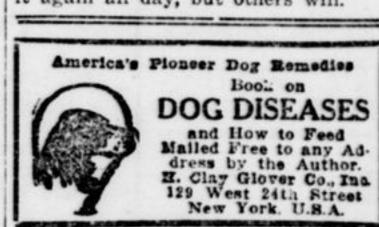
of the twine."

Couldn't Swindle Her.

and I decided to try them, and I can "I know, madam," he answered. truthfully say that they made me feel "But that's the kind the farmer brings

sold that they take them off the nest

Take care that the face which looks out from your mirror in the morning is a pleasant face. You may not see it again all day, but others will.





Cuticura Heals Rashes Bathe with plenty of Cuticura Soap

and hot water to cleanse and purify. Dry lightly and apply Cuticura Oint-ment to soothe and heal. Soap 25c. Ointment 25 and 50c. Talcum 25c. Sold throughout the Dominion. Canadian Depot: Lymans, Limited, 344 St. Paul St., W., Montreal.

Cuticura Soap shaves without mug.

Classified Advertisement

NORD OWNERS AND AGENTS EVERYW

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. When

the girl into the room and, pointing to the rug, said: "When you clean the parlor, Mary, be very careful of this beautiful rug.

It is very old." "I can see it is ma'am," replied the maid sympathetically; "but I dere say we can make it last you the winter if we're careful."



Attractive Proposition

For man with all round weekly pewspaper experience and \$400 or \$500. Apply Box 24, Wilson Publishing Co., Ltd., 73 Adelaids

Don't forget MINARD'S

on the summer trip. The best remedy for Cuts,



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 much better and am gaining in weight having gone down to ninety-three mended the Vegetable Compound to my friends and give you permission to use my letter."-Mrs. ELMER A. RITCHIE, 82 Rodney St., West St. John, N. B.

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. Lydia E. Pinkham's Vegetable Compound is a splendid medicine for such conditions. It has in many cases relieved those symptoms by removing the cause of them. Mrs. Ritchie's experience is but one of many. You might be interested in reading

Mrs. Pinkham's Private Text-Book upon

the "Ailments of Women." You can get a copy free by writing the Lydia E. Pinkham Medicine Co., Cobourg,

UNLESS you see the name "Bayer" on tablets, you



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 for

Colds Toothache Earache

Headache Neuralgia Lumbago

Rheumatism Neuritis Pain, Pain

Handy "Bayer" boxes of 12 tablets-Also bottles of 24 and 100-Druggists. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicyticacid. While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cress"

Kendall's Spavin Treatment makes good. KENASTON, Sask., Docember 8th, 1921 "Please send me one copy of your TREATISE ON THE HORSE. I have used your Kendali's Spavin Cure for over eleven years and found it one of the best liniments I have ever used for all kinds of sores. (Signed) M. ZEMAN." Get a bottle at your druggist's today. Regular for Horse Treatment—Refined for Human use.

ISSUE No. 29-'23.

The street in
