

RADIO

MARCONI REALLY FATHER OF RADIO

Story of the Gifted Italian's Work in Development of Air Communication.

While experiments along the line of radio really started as far back as 1827 and hundreds of scientists were interested in solving the problems involved for many years, it was not until 1895 when Senator Guglielmo Marconi took out his first patent that the mastery of air communication got its first great impetus. His life history is to all practical intents the history of radio communication.

Senator Guglielmo Marconi, G. C. V. O., L. D., D. Sc. M. I. E. E., was born in Bologna, Italy, April 25, 1874. His mother was Irish, while his father was of a family whose mechanical ability was marked. After an education at Leghorn and Bologna, the young man interested himself in the problem of wireless telegraphy, starting his research in 1895. He went to England and in 1896 took out the first patent ever granted for a practical system of wireless telegraphy, by the use of electric waves. His early experiments in England were made at Westbourne Park. Shortly afterward Marconi saw W. H. Preece and at his request made some experiments for officials of the postoffice. Some further experiments were made in May, 1897, in the Bristol channel, wireless communication being established between Lavernock and Brean Down, a distance of nine miles.

On the invitation of the Italian government Marconi afterward went to Sicily where a land station was erected, which was kept in constant communication with two Italian battleships working from a distance of 12 miles. For this success the Italian government conferred upon Marconi the honor of knighthood. After a return to England further experiments were conducted and on July 20, 1897, the first radio company was formed and two permanent stations erected. In 1898 wireless reports of yacht races in Kingston were made and proved the usefulness and adaptability to which the system lends it.



Guglielmo Marconi.

including the Nobel prize, has not given up active work, but is even now engaged in radio telephone experiments.

Radio enthusiasts have increased tenfold within the last few months, it appears from a survey conducted by the Associated Press and covering the central west, Kentucky and Texas. At virtually all points from which reports have been received, there are thousands of radio sets, particularly for purposes of telephony, where at most there were hundreds before.

While the sets are used chiefly for pleasure and experience, they are being put to practical uses in many cases. Numerous farmers are receiving

REFUSES TO RECOGNIZE LAW

(By Associated Press)
TOKIO, Apr. 22.—Refusal to recognize the modern Japanese law which relieves the head of a family of responsibility for the conduct of its members, Count Yanagisawa, brother of the late Akiko Ito, whose famous divorce case started the empire, has resigned from the House of Peers and gone into seclusion.

The little poetess, already divorced, created a sensation last year when she suddenly married Mr. Ito, coal king of Kyushu, although she was known to love a young literary man named Miyazaki, whom she met at the home Mr. Ito before her second marriage.

Thinking his sister would now settle down, Count Yanagisawa, who keenly resented the first divorce, began to take an active interest in affairs of state. He represented Japan abroad on several occasions and was regarded as one of the leaders of his party in the upper house of parliament.

But the temperamental poetess soon proved that she was far from settled in her rich surroundings. Society and political circles were startled last October when she suddenly left the palatial residence of her husband, while the latter was on a business tour, and went to her lover Miyazaki, in whose home she was found several weeks later.

Every effort of her brother and his powerful friends to induce her to return home proved fruitless, whereupon the case was laid before the Imperial government with a plea that Akiko be granted a divorce in order to permit a legal marriage to Miyazaki. The Imperial Household, however, declined to interfere on the ground that it would have a bad effect on the discipline governing noble families, and in desperation Count Yanagisawa and his wife arranged a grand coup d'état which resulted in the kidnapping of the girl from the home of her lover and the keeping of her whereabouts secret for the past several weeks.

In resigning from the House of Peers, Count Yanagisawa authorized a statement that he always had been identified with questions pertaining to a stricter discipline among government officials and of moral improvements in general, and adding that he felt a personal responsibility for the acts of his "erring sister" which could not be lessened by the modern law making the individual and not the family the social unit.

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Democratic candidate for County Commissioner in the Primary on May 19th.

Box 210

NOTICE OF SHERIFF'S SALE.

NOTICE IS HEREBY GIVEN, that, under and by virtue of a Foreclosure Execution, Judgment and Decree and Order of Sale, duly issued out of and under the seal of the Circuit Court of the State of Oregon, for the County of Union, bearing date of April 7th, A. D., 1922, and to me directed and delivered, upon a Judgment, Decree and Order of Sale duly entered in said Court in the suit therein pending, wherein Idaho State Life Insurance Co., a corporation, is Plaintiff and Burt W. Peterman and Cora Peterman, husband and wife, Daniel Peterman and Ella Peterman, husband and wife, and Jennie B. Peterman, are Defendants, in which Judgment and Decree was entered in favor of Idaho State Life Insurance Co., a corporation, Plaintiff, and against the defendants, Burt W. Peterman and Cora Peterman, husband and wife, and Daniel Peterman and Ella Peterman, husband and wife, both jointly and severally for the sum of \$10,000.00 together with interest thereon at the rate of 8 per cent per annum from and after the 10th day of July, 1921,

and for the further sum of \$434.25, together with interest thereon at the rate of 8 per cent per annum from and after the 25th day of January, 1922, and for the further sum of \$356.12 with interest thereon at the rate of 10 per cent per annum from and after the 30th day of January, 1922, and for the further sum of \$800.00 as a reasonable attorney's fee herein and for plaintiff's costs and disbursements incurred in this action and taxed at \$78.85, and for accruing costs, and in which said execution, I am commanded to make sale of the hereinafter described real property, heretofore mortgaged, to satisfy said judgment, decree, interest, attorney's fees, costs and disbursements, including accruing costs.

NOW THEREFORE, by virtue of said writ and in obedience to its com-

mands, I will on Wednesday, the 10th day of May, 1922, at the hour of two o'clock p. m. of said day at the front door of the County Court House, in the city of La Grande, in Union County, Oregon, sell at public auction to the highest bidder for cash in hand, subject to the statutory rights of redemption, all the right, title and interest of said above named defendants, or either of them in and to the South-east Quarter (SE 1-4) of Section Seven (17) in Township Three (3) South of Range Forty (40) East of the Willamette Meridian, containing One Hundred Sixty (160) acres, more

or less, according to government survey, save and excepting the entire right of way of the Central Railroad of Oregon, along the north side of said premises and as described in that certain deed dated April 27, 1906, recorded in Book 44 of deeds, at page 298 of Records of Union County, Oregon.

Dated at La Grande, Union County, Oregon, this 8th day of April, 1922. Date of first publication, Apr. 8, 1922. Date of last publication, May 6, 1922. LEE WARNICK, Sheriff of Union County, Oregon. Duly April 8-15-22-29, May 6.

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M. G. Corcoran of Washington, D. C., Needs No Aerial for His Radio Outfit. His Receiving Wire Being Connected to the Wire Springs of His Bed.

self to commercial purposes. In December, 1898, Marconi installed apparatus to provide communication between the South Foreland lighthouse and a lighthouse on the south coast. In 1900 Marconi read a paper on "Wireless Telegraphy" before the Institution of Electrical Engineers in London.

Early in 1901 telegraphic communication was established between two points more than 250 miles distant and at the end of that year Marconi transmitted signals from Poldhu, in Cornwall to St. John's, Newfoundland. In 1902 he received on board the steamship Philadelphia in the presence of the officers, good messages on the tube when at a distance of over 1,000 miles from the transmitting station and signals at over 2,000 miles. In December, 1902, the station established at Cape Breton, Nova Scotia, under a contract with the Canadian government for transatlantic wireless telegraphy, was put into communication with the Cornwall station at Poldhu and messages were transmitted to the King of England, the King of Italy and to the London Times. In October, 1903, the steamship Lucania published a daily wireless bulletin from messages received from the Marconi stations. A powerful station at Chilton on the west coast of Ireland was opened early in 1907 for the establishment of commercial relations with the American continent at Glace Bay.

Mr. Marconi's work has been recognized by many governments and awards of honor; he has been decorated by the King of Italy and the late ex-Czar of Russia as an honorary doctor of many universities, including Oxford, Glasgow, Aberdeen, Liverpool and Pennsylvania, besides having received the freedom of the principal Italian cities. In 1914 he was elected a senator in the Italian parliament. He also holds many scientific awards granted by various societies and institutions.

Upon the declaration of war by Italy, Senator Marconi placed his services at the disposal of King Victor and was given the rank of lieutenant in the Italian army. He was employed on important military missions to England by the Italian government and after this service was transferred as temporary commander of the official mission sent by Italy. In 1919 Marconi was appointed plenipotentiary delegate to the peace conference at Paris, and in this capacity signed the peace treaties with Austria and Bulgaria. He was afterward awarded the Italian military cross.

This very important figure in the wireless world, who has received about all the honors possible for the scientific world to bestow upon him, is now a double miss. "I shall miss you while you are on your hunting trip, dear," murmured his young wife, affectionately; "and I shall pray that the man you are going with will do the same."—Boston Transcript

Let Us Have Peace on Earth.
People are always expecting to get peace to heaven; but you know what ever peace they get there will be ready-made. What over is a peace that can be made here?—Boston Transcript