

MARCONI'S RADIO PHONE PERFECTED AND SOON IN USE

Italian Inventor to Explain Revolutionary Invention to Science — Claim Device Is Cheap and Practical

ROME, Nov. 26.—(AP)—Within a few months ultra-short wave radio telephone service is likely to be in everyday commercial operation, Guglielmo Marconi said today as he left for London where, before a meeting of scientists, he will make an address in which he is expected to reveal some of the secrets of his revolutionary method of transmission.

The world's first ultra-short wave wireless telephone, invented by Senator Marconi, now is operating experimentally between Vatican City and the papal summer home at Castel Gandolfo.

Marconi has no doubt about the practical applications of the system. The present apparatus is, essentially, reasonably simple and quite cheap in comparison with long-wave commercial systems. The power consumption is only 30-watts, the equivalent of a small electric light.

The inventor believes the ultra-short wave method's cheapest offers great possibilities—in Italy for instance, it would mean that nearly every island along the coast could have inexpensive telephone communication with the main land and with the rest of the world.

The ultra-short wave telephone "line" is secret, the inventor pointed out, and no other waves can obliterate it. Nor is there atmospheric interference.

He considers the system particularly well adapted for airplanes and for military purposes.

Roughly the system consists of somewhat modified telephone instruments of normal appearance connected to combined transmitter and receiver through a central station connection. That means that the ordinary telephone user can bridge the air gap to an island or a ship and speak with other telephone users in their homes or ship passengers in their cabins.

The radio telephone line is a quasioptical ray, with properties much like a ray of light. This ray is of high frequency, 600,000,000 cycles a second. It is sent from a transmitter, emerging from the center of parabolic reflector formed of short copper rods fixed horizontally to four parabolic copper rods in a vertical plane. That reflector is also a reflector.

The Vatican installation duplicates that used in experiments a year ago requiring that installation be in an unobstructed line of vision, which is possible by placing the sending and receiving "reflectors" on the roof of the palace at Castel Gandolfo and of the Vatican City radio station.

Since that installation Senator Marconi has been able to talk 170 miles by the ultra-short wave system. This, he said, proves it is possible to "bend" the rays over the earth's curvature, and therefore communication no longer is limited to points in a direct line of vision.

He is continuing his experiments to obtain communication over greater distances and through obstacles.

PRISONER SLAYS WARDEN AND SELF AS WIFE WATCHES

NEW YORK, Nov. 26.—(AP)—A prisoner in the Raymond Street jail in Brooklyn shot and killed a deputy warden tonight, then turned the weapon on himself and fell dead at the feet of his wife who was visiting the jail.

Andrew McCormick, 28, was the prisoner and William McConnell, the deputy warden. Both lived here.

Father Harry Honeck, son of the jail warden, William Honeck, was wounded in the left leg as he passed the scene of the shooting, but his condition was not believed to be serious.

The shooting started reports that a riot was in progress in the crowded jail and every radio car in Brooklyn was sent to the scene.

Four hundred policemen surrounded the building and flood lights were set up to illuminate the walls and buildings.

Jail authorities held McCormick's wife, believing she may have brought him the pistol with which he killed the deputy warden and himself.

Mrs. McCormick, a young and attractive blonde, visited the jail on a special permit. Deputy Warden McConnell went to McCormick's cell, took him to the visitors' room and stood by while the two talked.

After about 15 or 20 minutes he announced "Your time's up."

McCormick whirled, a pistol in his hand, and fired two shots at the deputy warden. As he fell, McConnell shot once at the prisoner, but missed. Then McCormick shot himself.

The bullet which struck Father Honeck was believed to have been one that passed through McConnell's body.

It was understood that McCormick and McConnell had had several arguments.

EXPLORER GETS PLANE FOR ANTARCTIC FLIGHT



Lincoln Ellsworth (left) and Bernt Balchen, famed aviator, and the new all-metal monoplane in which the explorer and flier will make a 2900 mile flight over south polar regions. The craft is designed to fly at a top speed of 195 miles an hour. Balchen supervised the construction in Los Angeles. (Associated Press Photo)

250 UTAH 'CONS' FIRE CELLHOUSE AND HURL DISHES

SALT LAKE CITY, Nov. 26.—(AP)—One prisoner was shot, the dining room wrecked and a cell house threatened by fire in a riot at the Utah State prison tonight.

The blaze was brought under control by several fire companies which rushed to the scene and the 250 rioting prisoners were subdued by prison guards before a squad of 25 city policemen and deputy sheriffs armed with tear gas and machine guns arrived at the prison.

The wounded prisoner was Jesus Arco, who was shot in the leg when he attempted to rush through a rear door of the prison while guards were entering from outside the walls. His condition was not serious.

Warden R. E. Davis reported the riot broke out while the men were marching into the dining room for their evening meal. After approximately 250 of them had reached the dining room, they began smashing furniture and dishes. They piled up benches and chairs on the large stove in the place, starting a fire.

Three guards were inside the dining room but were unable to cope with the situation. They were successful, however, in closing the doors and confining the uprising to the dining room. No effort was made to harm them, the prisoners being content to wreck the room.

The fire gained headway for some time and when the fire companies arrived flames were leaping from the roof of the cell house. The blaze was soon under control and all available guards circled the building where the prisoners were screaming and smashing furniture. Several shots were fired through the windows of the structure, but none took effect and the men soon calmed down.

By the time officers from this city had reached the prison, which is located in Sugar House, a suburb, comparative quiet was restored.

AMERICA ISSUES 2 MORE REFUSALS OF DEBT RELIEF

(By the Associated Press)

Two more refusals were passed yesterday by the state department to nations asking the United States for permission to postpone payments on their war debts due December 15.

Identical notes handed to envoys of Poland and Czechoslovakia were shorter, but similar to those sent earlier in the week to the governments of Great Britain, France and Belgium.

Prompt payment was suggested, with the explanation of a better atmosphere would be created for consideration by congress of a proposal from President Hoover for an agency to re-examine the whole war debt situation.

In Washington, meanwhile, a committee of the chamber of commerce of the United States recommended that the American government grant its war debtors "modification" conditioned on trade concessions and reduction in military and naval expenditures.

Both London and Paris officials were laying the groundwork for cabinet meetings later, which will determine their government's attitude toward the debt question, reconsideration of which they have asked in addition to an extension of the moratorium.

Almost the entire British cabinet was called to London today for informal conferences preceding the meeting tomorrow, where Great Britain's reply to the United States will be drafted.

Premier Herriot of France conferred yesterday with experts of the foreign office and the finance ministry pending determination whether another plea will be sent to Washington asking a war debt review.

PORTLAND PLANS OWN LAW CHANGE TO GET LIQUORS

PORTLAND, Nov. 26.—(AP)—

Frank Grant, city attorney, today had before him an order from the council directing him to report on what changes should be made to make the city liquor ordinance conform to state laws since repeal of the Anderson bone-dry law.

Boos and jeers greeted Mrs. Ada Jolly, state president of the Women's Christian Temperance Union, as she spoke at the council meeting against repeal of the city ordinance against liquor selling. Commissioner R. E. Riley immediately threatened that the chambers would be cleared of spectators if there was any further demonstration.

Proponents of the repeal of the ordinance were led by Thomas G. Ryan, attorney, who marshalled a force of druggists, physicians and others to support his contention.

He urged modification so that druggists may fill prescriptions. Speakers said 80 per cent of the druggists want to fill physicians' prescriptions for liquor.

State Police Change
John Dow, state police patrolman, formerly in the Portland district, arrived in Medford yesterday and will be stationed in this area, according to Captain Lee M. Bown. Dow will fill the vacancy left in the southern Oregon district by the resignation of Elwyn A. Van de Walker.

Methodists See Chaos of Booze
WASHINGTON, Nov. 26.—(AP)—The weekly clip-sheet of the Methodist board of temperance, prohibition and public morals issued tonight said it would "be idle to deny" that the political position of prohibition had been "seriously impaired."

The article said there were indications that "chaos" threatened with regard to the whole liquor problem.

"The re-establishment of a vast beer trade is a possibility," the article continued, "and this means and can mean nothing less than the diversion of expenditures from existing industry and commerce. . . . As surely as the sun rises the reaction will come. In all probability it will come within a period of three years, and when it comes it will be devastating to the political interests of any group responsible for indefensible conditions."



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AUTO KING GOES UNDER KNIFE FOR FEMORAL HERNIA

(Continues from Page One)

offices "in a week or so." They were told by Dr. McClure that "Mr. Ford is doing very well."

The illness came as a surprise even to the closest associates of Mr. Ford. A wirily robust man, the manufacturing genius who upset and remade America's industrial policies, always had boasted of his good health and was, on occasion, inclined to be rather contemptuous of disease.

Mrs. Ford, Edsel Ford, his son, and Mrs. Edsel Ford accompanied the patient to the hospital, along with Harry Bennett, head of the Ford company's service division. Mr. Ford, true to his scorn for invalidism, walked to his room on the third floor of the hospital. Half the floor had been roped off to preserve the secrecy he wanted.

Mr. Ford's condition before the operation was described by surgeons as being one which usually is accompanied by "excruciating pain" and would become "extremely dangerous" in the absence of quick surgical relief.

While Mr. Ford never had been operated on for an illness before, he required surgical treatment in 1927 as the result of an automobile accident. A sprained back caused him to be kept in a plaster cast for some time.

ROCHESTER BLAST MAIMS AND KILLS

ROCHESTER, Minn., Nov. 26.—(AP)—

Two persons were killed today in a heating and power plant explosion that shook a large part of Rochester, wrecked the interior of a three-story building and damaged adjoining buildings. Six persons were injured.

The explosion in a heating plant which supplies hospitals and hotels operated by the Kahler corporation, disturbed patients in nearby medical institutions and was heard a half mile away.

Fred Wolverton, Jr., 17, Albert Lea, Minn., high school football player, here for a Y. M. C. Y. conference, and R. C. Kelsey, Rochester electrician, were the fatalities.

BOLIVIA FRONTIER UPON WAR BASIS

LA PAZ, Bolivia, Nov. 26.—(AP)—

The government forbade all civilians today to travel in southeastern Bolivia, embracing the entire disputed Gran Chaco area and its environs. Special permission must be obtained from the minister of war by anyone who desires to go there. The purpose of the order was not explained.

ASUNCION, Paraguay, Nov. 26.—A war ministry communique said today that Paraguay continued to take the initiative against the Bolivian army in the Saavedra sector of the Gran Chaco, where several Bolivian machine gun nests were destroyed yesterday.

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FILIPINO MANIAC KILLER PRAYS AND FRETS IN PRISON

SEATTLE, Nov. 26.—(AP)—Repeating over and over again that he expected to die for killing six persons and wounding 13 others here on Thanksgiving day, Julian Marcelino, 30-year old Filipino, mumbles prayers in his jail cell, and moans in his sleep and at other times bangs his head against the concrete walls.

His three cell-mates said today the knife slayer during most of the daylight hours sits with his head in his hands saying his prayers. They are sorry for Marcelino but are not afraid of the man who dashed about the streets of this city's Chinatown, dealing death or injury to whom-ever he met.

His cellmates are Warren Summer, 25, burglary suspect; Don Meyer, 24, and Robert Hall, 20, a negro.

Summers told police "This poor Filipino complains all the time that he has a headache and says the inside of his head is 'hot rusty.' He repeats his story of the slaying, what he can remember and says there is no hope for him and that it is better for him to die."

Seek Missing Painter.
City police were last night checking on the whereabouts of George M. Courtwright, formerly a painter and interior decorator of Macon, Ga., following the receipt of a letter from Mrs. M. H. Mann of that city, who is attempting to locate him for business reasons. Mrs. Mann states in her letter that she has not heard from Courtwright since May 9, 1922. Anyone knowing Courtwright, or his present location, is requested by Chief of Police Clatus McCredie to get in touch with the local police department immediately.

Lock of a Child
STRACURE, N. Y., Nov. 26.—(AP)—Howard Baxter, three, who fell into a five foot pit 20 yards from his home and lay there during an afternoon, night and morning, unable to attract attention while a posse searched for him, was declared tonight to be none the worse for his experience. He may, the doctor said, get a cold.

BOSTON, Nov. 26.—(AP)—The Boston Post says Dr. A. Lawrence Lowell, who announced his resignation Monday as president of Harvard university, will be suggested to President-elect Franklin D. Roosevelt as ambassador to England.

'PUSSYFOOT' DRY LEADER DONATES TO AID DEMOCRATS

BINGHAMTON, N. Y., Nov. 26.—

(AP)—With the observation that "a man like you is worthy of his hire," William E. "Pussyfoot" Johnson of Smithville Flats, internationally known dry crusader, today sent a letter to James A. Farley, Democratic national chairman, congratulating him "on a magnificent job in the recent election" and enclosing a \$100 bill to help balance the Democratic budget.

His letter to Chairman Farley follows: "You surely did a magnificent job in the recent election and a man like you is worthy of his hire. In order to help you balance your budget I am enclosing a \$100 bill."

"On March 4, we, as a nation, make a nose dive into the new prosperity said to be coming. The sea is only knee deep to a man who is drunk and great is the national expectancy."

"Hoover was simply out of luck; like a starving man caught in a soup storm with a pitchfork instead of a bucket."

The \$100 bill was in confederate money.

AGED CHICAGOANS ON ARIZONA VISIT RACKETEER PREY

PHOENIX, Ariz., Nov. 26.—(AP)—

Three men held for questioning in connection with a \$125,000 swindle of an elderly couple in Phoenix, were released tonight by William Cusick, Chicago police captain, to local authorities.

The men, Burton Mooney, James Lee Russell and E. C. Ellis, were arrested in a hunt for Floyd Woodward, alleged leader of the burco ring which a year ago took \$125,000 from Mr. and Mrs. Joseph Kazab of Chicago while they were visiting in Phoenix.

Fusick took the trio into custody in the downtown district. He later was reported to have told Phoenix officers he "had nothing on" the men, and they could be released so far as he was concerned, as Mrs. Kazab was unable to identify them. The men are being detained, however, pending further check with the Washington, D. C., and Sacramento, Calif., bureaus of identification.

Police expressed doubt that Woodward was hiding in this city.

Engagement Told
PORTLAND, Ore., Nov. 18.—(AP)—Announcement of the engagement of Miss Esther Allen, daughter of Mr. Pat Allen of Portland, to Wesley Allen Cook of Portland, was made here last night. Miss Allen is the granddaughter of Simon Benson, now living in Beverly Hills. Cook is a graduate of the electrical engineering school of Oregon State college. Miss Allen's mother is the new republican national committeewoman from Oregon.

HAMILTON, Bermuda, Nov. 26.—(AP)—Dr. Francis L. Patton, who preceded Woodrow Wilson as president of Princeton university, died last night at King Edward VII hospital after a brief illness.

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