

**SECRET RADIO IS INVENTOR'S CLAIM**

**DESCRIBES NEW DEVICE**

**London Expert Tells of His New Apparatus for Sending Wireless Which Cannot Be Listened In**

One of the chief disadvantages of wireless telephony up to the present has been that anyone listening on the transmitting wavelength or frequency can hear all that is said. Secrecy is impossible. Even with the Marconi "beam" system, which is, of course, meant for telegraphy only, anyone in the path of the beam can listen in and the path widens the further it goes. All this is to be swept aside, said J. D. Chisholm, the inventor of "Secret Wireless," in an exclusive interview with The Christian Science Monitor.

**Describes Device**

In a broad description of his invention Mr. Chisholm said that any user of his receiving apparatus will, by prearrangement with the transmitter, be the sole recipient of the wireless message. No technical details are at present available, as the patents have not yet gone through in all the countries in which they have been filed. Affairs have, however, moved so far that experimental licenses were issued nearly two years ago, and now the Post Office has issued the necessary license to build a full-size transmitting station. A station is also to be built in Holland. These two stations, Mr. Chisholm hopes, will be operating by the summer of 1927, and he is also hopeful that these two will be the forerunners of a chain of stations which will in two years' time be operating Imperial Secret Wireless.

Questioned as to cost, Mr. Chisholm said that the received should cost no more than £8 (about \$40). The procedure would be as follows: When a message was to be sent, the receiving party would be notified by a tell-tell device to stand by. He would then in due course receive his message from the secret wire-less transmitting station, which would only be receivable by his receiving set. Prearrangement will, however, be a necessity. The invention has been satisfactorily demonstrated to the naval and military authorities.

**Another Invention**

Another invention of Mr. Chisholm's is one whereby the electric light or power mains can be used for the reception of musical programs, lectures, news, etc. The invention, he claims, completely eliminates all interfering noises, such as ripple from dynamos and the noises from electric trains, elevators and so forth, which are often so troublesome to radio listeners in big cities. That bugbear, atmospheric, would also be a thing of the past.

Any householder using electric light or power from the mains would be able to receive a program transmitted over its cables. Thus a would-be listener would only need a loudspeaker or a pair of headphones and the special attachment, costing probably, about \$1. The receiving set, with its attendant battery and valve troubles, would be a thing of the past.

**SLOPPY PACIFISTS CHANGE THEIR TUNE**

**Now They Want Action In China Because Friends In Danger; Alter Tactics**

The well intentioned men and women who in January and February of the current year were filling the air with lamentations over the imperialistic gesture of the United States authorities in sending soldiers and marines to China seem to have changed their attitude within the last few days. From the various church bodies who were then militantly for peace, even if they had to fight for it, the gentle cry is now being raised that we have not sent enough of the American military forces and this is not the time to leave anything to chance.

The explanation of the change is not hard to discover. It comes from the reading of their daily papers, by these well intentioned pacifists, the stories of the rescue of American men, women, and children from the danger not only of sudden but of shameful deaths by American soldiers and sailors. At this time it may not be amiss to recite that when some weeks ago in February the clamor was particularly loud against the sending of armed forces to China, the statement was issued from the White House that what was being done was to provide against a possible emergency and that in this case we were using hindsight instead of foresight, there was scoffing at the declaration. Its truth has been proved. The critics who forced that statement in the first instance owe to the White House today something more than mere acquiescence by silence, they should come out honestly and admit that they did not understand the possibilities and that they spoke out of turn.

**BRIDGE CLUBS AND PRIVATE PARTIES MAY HAVE SCORE PADS FREE BY TELEPHONING H. P. 178 OR CALLING AT THE RELIABLE LAUNDRY.** adv

**ROAD AND BRIDGE CONTRACTS MANY**

**List of Those Recently Awarded by State Department of Highways**

Contracts for bridges and pavements totaling a half million dollars were announced recently by the state division of highways as follows:

Route 18, Section 7, Cook county, pavement; Peter J. Crowley company, Chicago, \$35,558.47.

Route 115, Section 104, Kankakee and Ford counties, pavement; Regenhart Construction company, Cape Girardeau, Co., \$125,674.15.

Route 115, Section 105, Ford county, pavement; Regenhart, \$141,166.46.

Route 115, Section 105, Ford county, pavement; Regenhart, \$146,553.34.

Route 137, Section 101, Lawrence county, pavement; French Construction company, Fairfield, Ill., \$55,678.94.

Route 115, Section 104B, Kankakee county, bridge; Zimmerly Bridge company, Paris, Ill., \$8,231.75.

Route 115, Section 105B, Ford county, bridge; Section 106B, bridge; East Stone Construction company, Eau Claire, Wis., \$6,450.35, and \$38,068.11 respectively.

Route 115, Section 106C, Ford county, bridge; Vincennes Bridge company, Vincennes, Ind., \$11,665.17.

Route 137, Section 1101B, Lawrence county, bridge; L. W. Gregory, Lawrenceville, Ill., \$5,957.07.

**CHILDREN STILL LIKE OLD-FASHIONED GAMES**

**Hop-Scotch Found to Be Still Favored by Youngsters In Chicago Parks**

Skooters and toy motorcars may have their day, but the time-honored children's games, handed down from one child generation to another, are bringing a revival of old-fashioned fun to the West Park playgrounds of Chicago, directors report.

Hopscotch is an ancient favorite rescued from obscurity by park directors, said William J. H. Schultz, superintendent of the recreation centers. Children in increasing numbers are chalking the cement dancing floors in a revival of the game that was crowded off the sidewalks by

congestion of the city streets. A tournament is planned to enable champions of different playgrounds to compete for the civic hopscotch honors.

Broomsticks are in demand in the neighborhood of the West Parks for a curious old game called, according to differing custom, peg, cat and dog and penny. The game is played with a long and a short stick, an equipment not to be purchased in any store, but which is easily made from the handle of a worn-out broom. The origin of the game is unknown but in certain communities a score or more years ago it enjoyed great popularity among children. In a few Chicago neighborhoods it is still known to boys, the park directors states.

**ITALIAN WOMEN TO ENTER AIR SERVICE**

**To Be Used Principally at Observation and Signal Posts, Rome Report Says**

Women will be used in Italy's aeronautical service in the future, Signor Balbo, under secretary of state for aviation told the Chamber of Deputies during a discussion of the aeronautical budget. The women will be used principally as the personnel of observation and signal posts along the frontier to guard against the incursion of enemy aircraft, but also will be employed in other important tasks, since "they showed their valor and ability during the World war."

By 1930, the Under Secretary said, Italy will have 2797 airplanes, of which 865 will be bombers, 1250 pursuit and 682 scouts, with a yearly budget for aeronautics of 450,000 000 lire.

**CLEVELAND TO HAVE AIR LINES SHORTLY**

Cleveland's first air passenger service will start this spring, it has been announced following the awarding of air mail contracts to the Kaess Aircraft Engineers corporation.

The line will serve Cleveland, Akron, Columbus, Dayton, Cincinnati and Louisville. Twin-motored airplanes will be used for carrying mail and passengers. Six hours will be required to make the run. At first the flights will be at night.

**AMERICA TO AID IN SHAKESPEARE MEMORIAL**

**Expected Contribution of One Million Dollars Will Be Raised Here**

America is to participate to the extent of \$1,000,000 in the international movement to rebuild and endow the Shakespeare Memorial theater at Stratford-on-Avon, England, under plans announced by Prof. George Pierce Baker of Yale.

Professor Baker, who is chairman of the executive committee of the American Shakespeare Foundation, said local committees are now being formed in 21 major cities throughout the United States to raise \$500,000 of the sum during the remainder of 1927.

In all, \$2,500,000 will be raised throughout the world to complete the plans of the new theater and its associated dramatic school, festival company, museum and library.

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