

a company with a capital of £30,000,000. The Post Office reserves the right to control the newer telephony service, such as that opened between England and America, and between England and Kenya Colony.

In discussing the project, Mr. Ramsay MacDonald stated that he thought it deplorable that one of the most essential Imperial services should pass into the hands of a private concern. The future existence of Imperial unity demanded the most perfect systems of communication.

"You might as well let out the Army and Navy to private contractors," concluded Mr. MacDonald.

A DIFFERENT aspect is thrown on the matter by the "Daily News," which states: "Swift development in telephony between England and Australia can follow if the restrictive clause is abandoned, as the Bill will be introduced and passed as soon as possible."

The Daily News points out that while the Anglo-American telephony system worked through Rugby, the Marconi experiments to Canada demonstrated that the beam can be used for multiplex telephony, and telegraphy at a much lower cost, implying that the existing beam stations can be used for Dominions telephony, including services to Australia and South Africa, without building special stations similar to that at Rugby.

Other Uses of the Beam.

IN this respect, the following occurrence is of more than passing interest. While ordinary telegraph traffic was being transmitted to Great Britain from the Canadian terminal of the British-Canadian beam service, near Montreal, a dance concert was simultaneously switched on to the beam. Without interrupting the telegraph traffic, or without being interrupted by it; the music from Canada was picked up at the British receiving station, at Bridgewater, and reproduced at full volume on loud speakers. An impromptu dance was held to it.

Subsequently, American engineers at the Bridgewater station heard addresses from friends in America so perfectly that every speaker could be recognised by his voice before his name was announced. It is claimed that in addition to greatly extending the amount of traffic which can be transmitted over a single beam, the new apparatus which makes it possible to use the beam simultaneously for telegraphy and telephony so affects the character of the wave radiated from the beam station that to a great extent fading is prevented. It is expected that the various Empire beam services will shortly be used for the interchange of broadcasting programmes between the countries in the Empire.

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Radio Round the World

THOSE amateurs interested in Morse are advised that from November 28 Philips Lamps Co. are inaugurating a new station, FBF5. Operating on 30 watts, telegraphy, this station should make itself heard between the hours of 8 a.m. and 12 a.m. The wavelength will be 41.3 metres. The station is subsequently to increase its power and introduce telephony.

THE Indian Broadcasting Board has made arrangements for a special programme to be transmitted through 5SW once a fortnight, so that it may be picked up and retransmitted for the benefit of Britishers resident in India. Only Englishmen who have resided in private ownership of stations as at India can realise how much this service will mean.

THROUGH apparatus by which electrical impulses controlled a beam of light, a narrow beam was changed into music and held under perfect control at will by Mr. John Taylor, consulting engineer for the General Electric Company. The equipment used is known as a photophone, built on old principles, with a perfected photo-electric tube, electric pick-up, new amplifiers and sound reproducers.

IN Britain and America architects are now giving full consideration to radio requirements in house building. Fixtures for aeriols are incorporated in plans, which also show locations for receivers, and a wiring system which enables loudspeakers to be transferred from room to room, and plugged in to wall sockets wired to the set.

BROADCASTING has provided the preacher with a scope undreamed of even ten years ago. The whole of the United States and quite a number of other countries will be able to hear the sermons of a well known American preacher, Dr. Parkes Cadman, who commences this month the biggest religious broadcast yet attempted. A continent-wide chain of over forty broadcasting stations will deliver his Sunday afternoon undenominational addresses from the Atlantic to the Pacific. Dr. Cadman is an Englishman, educated at London University.

IN view of the controversy aroused recently when German artists were invited to broadcast in Great Britain it may be recorded that a leading English radio artist broadcasted in Germany on October 5 from Langenberg, on October 7 from Frankfurt, and from Berlin. Her programme included a short speech in German, specially written for her by Dr. Kesser, a few lines from "Romeo and Juliet," Keats's "Ode to a Nightingale," an extract from "A Tale of Two Cities," some of A. A. Milne's children's poems, poems by Lichendorff, some lines from "As You Like It," and one of St. Joan's speeches in the trial scene of Bernard Shaw's play, "St. Joan."

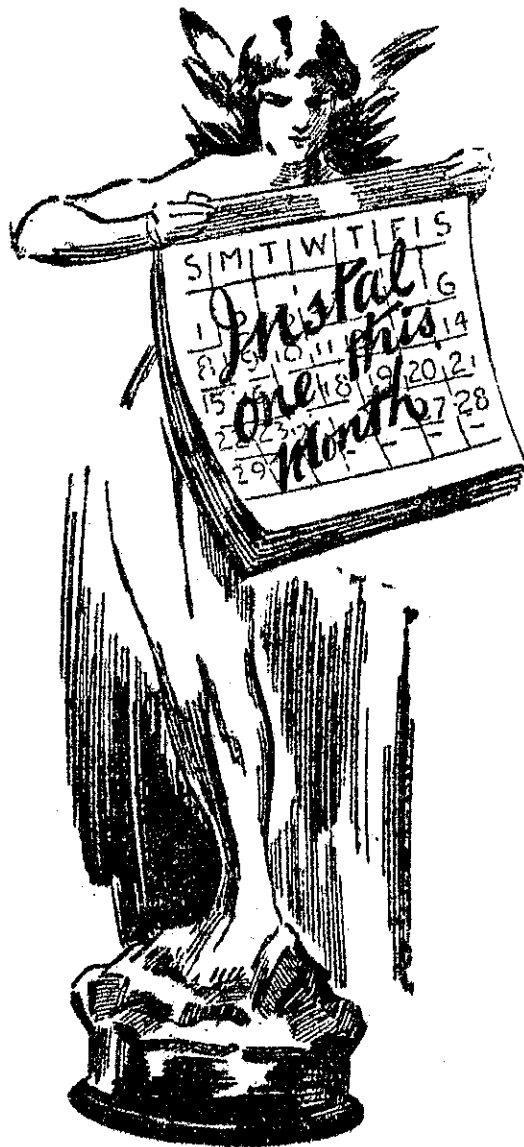
THIS is the statement of Mr. D. E. Gilman, manager of the Pacific division of the National Broadcasting Company, who more than many others, is in a position to realise imaginative creations likely to develop. "We have broadcast grand opera; we are broad-

casting light opera, in tabloid form, of course. I wouldn't be surprised if, within the next few months, we will be broadcasting a whole circus—animals, music, clowns, chariot races, with the side-shows, the fat lady, the lean man, Tom Thumb, and the rest of them—everything but the tent."

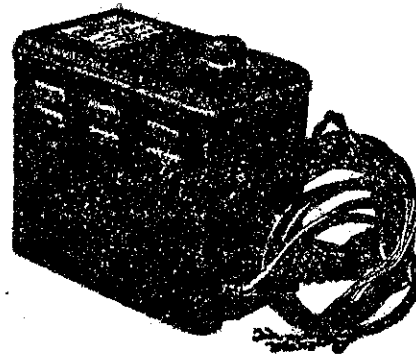
TROUBLE is brewing over the control of the proposed League of Nations wireless station, which it is planned to build in Geneva, Switzerland. This station would be used by the members of the League for communicating with one another. In the early discussions that took place the Swiss Government took the position that it should be in complete control of the station except in time of war, when it was willing to relinquish jurisdiction to the League officials. No objection has been voiced as to the actual erection of the station on Swiss territory. It is expected that the situation, which is being discussed privately by members of the League, will become an official matter during the present Assembly. It is voiced in certain quarters that the attitude of the Swiss Government may cause the League to locate itself in another neutral country.

TURKEY has Westernised her alphabet, and is making considerable use of the two main broadcasting services in the Ottoman Republic for disseminating knowledge of the innovation.

EARLY next month the B.B.C., in the hope of improving the service areas of their relay stations in and near the big cities, will have them all operating upon the one wave of 288.5 metres.

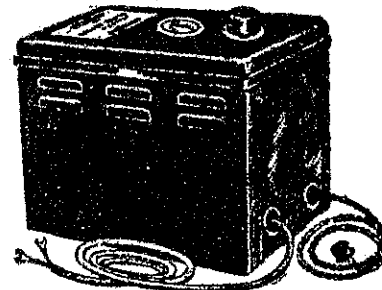


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