

AN elaborately fitted research laboratory is maintained by the B.B.C. at London.

THE receiving aerials for the trans-Atlantic wireless telephone service are situated in Fifehire and are about 600ft. long.

ONE U.S.A. firm boasts that by means of radio advertisements it sold between February and April sixty thousand pairs of silk stockings.

THE Duke of York was present at a Scout camp at New Romney, August 9, when part of a sing-song by the boys was relayed from London.

IN Great Britain there are twenty-two stations, but the revenue is more than £1,000,000 per annum from two and a half million listeners.

MOVING Coil Loudspeakers are known in the country of their origin (U.S.A.) as Dynamic Speakers, a name applied by the patentees.

THE Norwegian railway authorities are installing a regular train telephone service, using a wavelength of 84 metres, on certain railway lines.

IN Czecho-Slovakia the sole operating right is held by a commercially-constituted company, in which, however, the Government holds a major interest.

Radio Round the World

A UNIQUE radio store in Oregon (U.S.A.) is built as an exact duplication of a radio receiving set. It is equipped with dummy switches, knobs, and dials.

IT appears that even the B.B.C. cannot satisfy all. A "Bored by the B.B.C." campaign has been inaugurated, and deputations wait on Parliament complaining about Government control.

DURING 1927 transmission from all the B.B.C. stations covered over 68,000 hours. Entertainment naturally formed the bulk of all programmes, but there was a strong and growing demand for other features.

GREAT financial difficulties have beset the career of the "Radio Belgique" Company of Belgium, since its inauguration a number of years ago. A licence is payable but no part of this is available to the company.

MANY more stations will be necessary before the companies can provide services that will enable Australian listeners in all or in most settled parts to obtain service reasonably free from distortion or interference.

THE Lille station, France, recently broadcast a "balloon" transmission, the impressions of a voyage in the air being relayed to the station and rebroadcast.

SEVERAL of the few amateur stations in the Kenya Colony (Africa) have been heard in England, despite their low power. Wireless transmitters are now found on almost every conceivable portion of the globe.

PERMISSION has been given for the broadcasting this year of the Cenotaph service from Whitehall on Armistice Day. A permanent underground cable has been installed between the Cenotaph and a secluded control point a little distance away.

THE Munich station (Germany) recently scrapped its metal masts and replaced them with wooden masts, 190 feet high. This has improved the range of the station by removing a certain amount of absorption which had previously hampered reception.

LITTLE has been heard here of the Dynamic Speaker, but it has been manufactured and sold in huge quantities in the States for the past two years. The patentees are producing

1000 units per day. Others have now been licensed to manufacture the product.

IT is pleasing to see that, in recent international amateur tests, New Zealander (3AR) secured fifth place against a very large field. He was surpassed only by an Englishman, a Belgian, a Porta Rican, and an Australian. The winner, 5BY, is often heard in Australia.

BRAZIL is not the best type of country from the physical aspect for broadcasting, possessing as it does, its principal cities along its extensive coastline, with a hinterland largely uninhabited, but its broadcasting stations are nevertheless relatively numerous, though generally of low power.

OF the European broadcasting systems, that of Spain approaches most nearly to the standard of American competition and freedom from regulations. Commercial consolidation is, however, at work, and a Government inquiry into the whole subject was begun in 1927.

NOT long ago, the New York Police Department brought 110 wireless direction-finding sets at a cost of about £3000. It is now announced that these are to be sold by auction, experiments having proved that the sets are too tricky for the average policeman to handle.

NERVE currents from the human body have been broadcast by the University of Iowa. The sound was something between a loud scratch and a low rumble, if such can be imagined. Two tiny electrodes were pressed against the muscles at various points on the subjects body, the resulting sound being amplified.

THE ceremony of the signing of the treaty for the renunciation of war was broadcast from Daventry and rebroadcast throughout England. Signals were carried to Daventry by telephone line. Many short-wavers, including Chelmsford (5SW) were on the air to keep as much of the world as possible in touch with the proceedings.

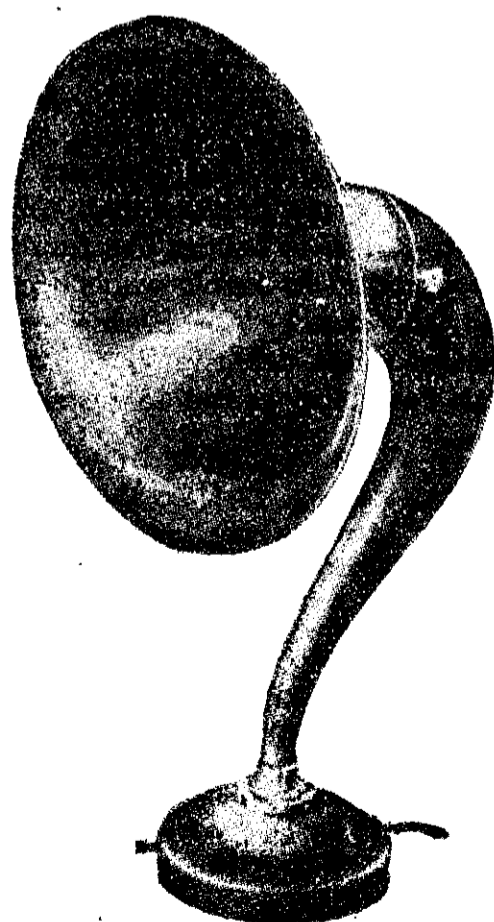
IN France it cannot even yet be said that nationally co-ordinated broadcasting exists. The history of French broadcasting has been a chequered and troubled one. The elements of a national system were, however, laid down in a new law in December, 1926. It has been recently intimated that the Government were to take over the service.

THE second annual American Radio Trade Show, held last month in Chicago, was quite a brisk affair. It occupied 30,000 square feet and 25 floors of rooms, 155ft. of these being used for demonstrations. Exhibitors numbered 205, of which 48 were set-makers, 43 of whom showed "Mains" sets. Moving coil loud-speakers were predominant.

IN Switzerland a number of stations belonging to local companies, operated until recently without interdependence. A union has now been formed which includes all station except for the time being, one. License revenue is available for their support, but the nature of the country and the distribution of its people make the situation of broadcasting exceptional.

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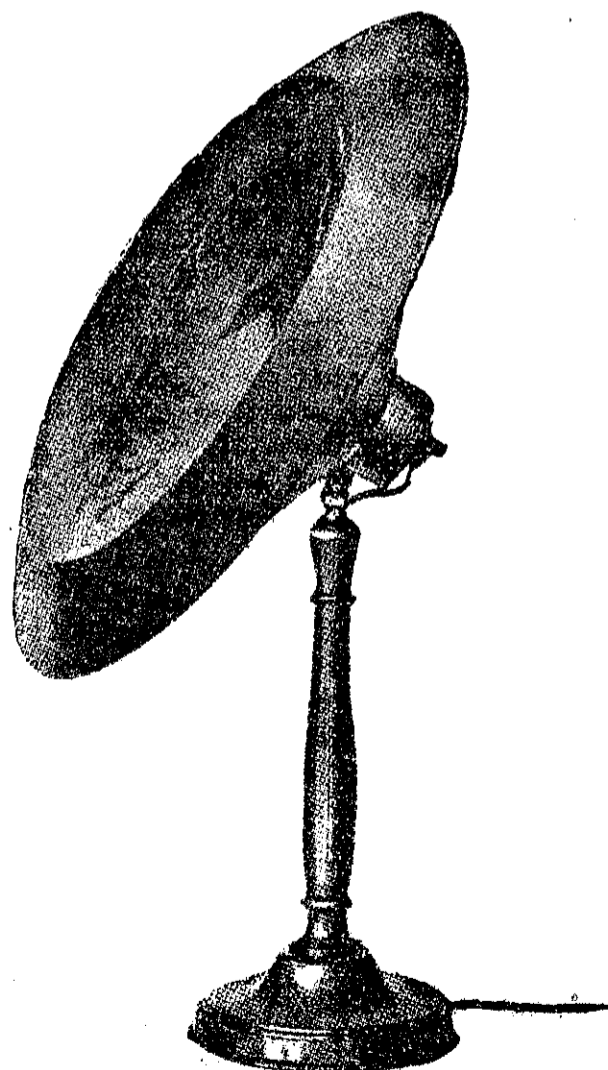


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