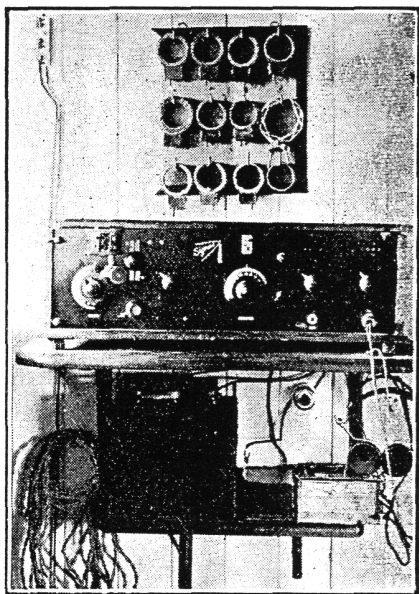


a number of English and American Wireless receivers that have been manufactured expressly to cover the limited wave band of 250 to 550 metres and so far we have not changed our opinion.

The necessity to change the tuning coils when it is desired to receive other broadcasting stations does not exist in our "Burginphones." Tuning is arranged by a special method, whereby the stations required is selected by the switch rotating over a number of contacts, and we claim it is one of the simplest methods of tuning on the



The receiver of Mr. H. W. Shambler, Cooroy, Q., with which he receives 6WF and other DX stations.

market to-day. The long waves, that is over 500 metres up to 2,000, seem to have greater carrying power in daylight than the wave lengths in the bands of 250 to 550 metres. We have proof of the reception in daylight of 2FC and 3LO at a point in Queensland well over 1,000 miles from Melbourne. The cricket results of the test match tour were received from Melbourne and Sydney in the middle of the day.

We have received a very recent letter from the Rev. Panelli, of the Church of England Bush Aid Society, who travels from Wilcannia up into the North-west corner of N.S.W., and he is able to hear Melbourne and Sydney morning, afternoon and evening. We also enclose a copy of a letter we have just received from Mr. W. A. Russell, of Jimbour House, Dalby, Queensland, which speaks for itself. Furthermore, Mr. Russell has also received Melbourne in daylight.

In further proof of the fact that receivers can be made in Australia capable of receiving on 250 and 550 metres just as well as 600 and over, we

READ ABOUT THE LATEST *Watmel* IMPROVEMENT

The latest addition to the many distinctive features which characterise every Watmel Variable Grid Leak and Anode Resistance and make them suitable for any circuit, is the new contact. By means of an ingenious bronze spring (shown in the enlarged illustration) any slackness, between the bush and adjusting screw, is automatically rectified and perfect electrical contact maintained at all times. Other features worthy of special mention are:—Continuously variable, silent in operation, dust and damp-proof, and constant in any temperature.

GRID LEAK, .5 to 5 megohms,

ANODE RESISTANCE 50,000 to 100,000 ohms.

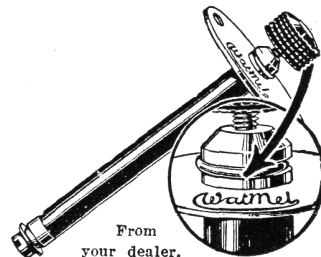
Send P. C. for Descriptive Folder.

THE WATMEL WIRELESS CO.,

332A Goswell Road, London, E.C.1.

Australian Agents:

LOUIS COEN WIRELESS PTY., LTD.,
MELBOURNE, AUSTRALIA.



From
your dealer.

Mention "Radio" when communicating with Advertisers.

submit that the result of the test from America carried out on April 16, where one of our receivers was able to pick up WOR and operate a loud-speaker on four valves is positive evidence of the efficiency of the set on that wavelength of 400 metres, just as well as on 1,720 and 1,100 metres.

Yours faithfully,
BURGIN ELECTRIC CO. LTD.

Copy of a letter received from W. A. Russell, Jimbour House, Dalby, Queensland, on April 20, 1925:—

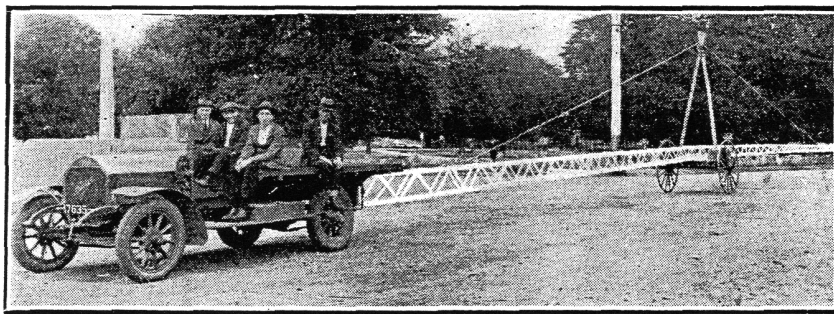
Dear Sirs,—Your letter of the 16th

Cooroy,
Queensland.

TO THE EDITOR.

Dear Sir,—I herewith give particulars of my set. I am using a single wire aerial 90 feet long, 45 feet high, with 30 feet lead-in. Set used, four-valve: Rad., Det. and two Audio; P1; three-coil circuit: 201A valves. I can boast of being able to get any broadcasting station in Australia any night I require them; even 6WF, Perth, which comes in on good strength. 2BL can be heard a chain away from the 'phones without exaggerating.

Yours faithfully,
(Sgd.) H. W. SHAMBLER.



An 80ft. lattice aerial mast built for Mr. P. O. Fysh being removed to his residence by members of Launceston Radio Experimenters' Club.

instant to hand. The wireless set I got from you is very good, and we have been able to log the following stations:—2FC, 2BL, 2VW, Sydney; 3AR, 3LO, Melbourne; 5CC, 5OM, Adelaide; 6WF, Perth; 7ZL, Hobart; 1YA, New Zealand.

The set is as good as any I have heard, and in every way satisfactory.

Yours truly,
(Sgd.) W. A. RUSSELL.

WHEN you force the detector valve in a regenerative set it annoys your neighbours.

IF you want louder signals, add audio amplification instead of forcing the detector.

EVERY set tunes a little differently, so work out yours to the best advantage.