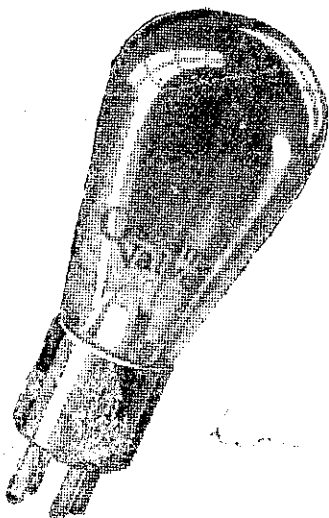


**-now isn't that
marvellous!**

"**W**HO would have thought that one new valve could have made such a difference? I used to think it wasn't possible to interchange different makes of valves, but I find that by substituting an Osram I can always improve reception. 'I've just fitted an Osram P.625A Valve . . . listen to the result . . now, isn't that marvellous? I must fit Osram all through, straightaway.'"

If you cannot obtain P.625A. or any other Osram Valve you need, it will be sent direct, safe delivery guaranteed. Ask for "The Osram Valve Guide"—a helpful booklet free on request.



P 625A

is a super-power amplifying valve. Used in the last stage of your set, it will produce the fullest volume without distortion . . with a quality of tone which will satisfy you. Especially suitable for use in Gramophone Amplifiers.

SPECIFICATIONS:

Filament Volts . . . 6.0 max.
Filament Current . . 0.25 amp.
Plate Volts 180 max.
Amplification Factor . . . 3.7
Impedance 1,600 ohms
Normal Slope . . 2.3 ma/volts
Maximum Plate Current 28 m.a.
Equivalents . . UX171A, C603

Osram Valves

Made in England

English Office and Public Showrooms: 31-37 TARANAKI ST., WELLINGTON.



THE British Postmaster-General has announced that the number of receiving licenses in force on March 31 last was approximately 3,093,000.

ducing church bell gramophone records by means of a pick-up. The parishioners certainly appear to be progressive for the church already possesses a radio-gramophone for reproducing organ music and special relayed sermons.

WILL ROGERS, the famous American comedian, has, it is understood, signed a contract to give fourteen Sunday evening radio talks for a fee of £14,400. This works out at about £70 a minute.

SO radio has entered yet another sphere! During recent motor-cycle combination reliability tests in England a number of the side-car passenger carried portable wireless sets for their entertainment during the race.

A SIGNIFICANT indication of the progress made in the wireless control of aircraft is afforded by the necessity for a new amendment to the Air Navigation Convention. The amendment provides that pilotless aircraft shall not fly over countries other than their own.

THE immense popularity of portable receivers in England during their present summer has prompted the postal authorities to appoint inspectors, who tour the countryside on motor-cycles and examine listeners' licenses. This is surely rather a heckling attitude to adopt, and one which is certain to result in much unfavourable comment.

THE total eclipse of the sun on October 22 of this year will afford an opportunity for interesting radio transmission tests in the Pacific Ocean. The line of totality passes through Suva (Fiji Islands) and Apia (Union Islands), both possessing wireless stations which will be used in the tests. Listeners will be interested to know that the observations are to be carried out by the Astronomical Society of New Zealand.

A PUBLIC radiotelephone service has been opened between France and Saigon (Cochin China), the fee being approximately £4/10/- for three minutes' conversation. Short-wave listeners may be interested to learn that the French transmitter and receiver are situated at Sainte Assise and Villecresnes respectively.

A MOVING-COIL loud-speaker is to be installed in the church tower of a small village in Cornwall, England. The church bells have not rung for thirty years, the cost of re-hanging having proved prohibitive, but the difficulty is now to be overcome by repre-

A STRANGE STORY, revealing much ingenuity on the part of the plotters, is reported from the village of Hobelschwert, Silesia. Certain pupils in a secondary school there, being desirous to overhear the deliberations of their teachers concerning impending examinations, installed a microphone in the teachers' common room and led wires down a chimney to an amplifier. By an unfortunate coincidence the central heating system failed at the critical moment, and the stove was brought into commission, with disastrous results. The microphone was discovered and the students were expelled.

INCORPORATED in one of the latest blocks of flats to be built in London is a master radio receiver. This is intended to serve 200 flats, ranging in rent from £225 to £1000 a year. The main receiver consists of four valves in the master set itself, but there are 46 extra valves used for amplification purposes. Every drawing-room and kitchen is fitted with points, so that loudspeakers or headphones can be plugged in.

AN unusually large percentage of outside broadcasts figure in the German programmes. This is possible because the German postal authorities have designed a short-wave transmitting and receiving installation which is fitted up in a motor-car. The equipment came in very useful recently during an international long-distance cycle race. The car followed the entrants, and the commentator was able to broadcast an eye-witness account of the race. From the short-wave set the messages are picked up at a main broadcasting station, and relayed to listeners.

IT is reported from Philadelphia that a research engineer in the General Electric Company's laboratories has succeeded in generating an ultra-short radio wave which may be developed into what is popularly known as the "death ray." In fact, it is stated that the new transmitter could broadcast such short wave-lengths that people in the vicinity would have their blood temperatures raised. It is even possible to induce such a high fever in the human body that death results. However, it is thought that these new waves, if used with caution, will have a marked curative effect on certain diseases.