

Stallworthy, Minister of Health, has requested the publication of the following appeal:—"On December 11 we launched our Christmas Seal campaign to stamp out tuberculosis. The seals are now obtainable at all post offices throughout the Dominion. In the fight against incipient tuberculosis childhood is the period to which our attention must be particularly directed. It is appropriate that the first claim upon funds raised by the inaugural Christmas Seal should be the children's health camp movement. It is hoped that the success achieved will be such as to enable a large extension of these camps throughout the Dominion. The money thus invested will bring a national return in the added vigour and freedom from disease of the children concerned, and in addition will afford them throughout life a series of healthful happy memories."

"Every portion of New Zealand will benefit. There will be co-operation with existing local institutions. I confidently appeal to all generous-hearted fellow-citizens over the holiday period to put a Christmas Seal on every letter posted. Whenever we buy a postage stamp let this be our kindly thought, 'A penny for health.' Thus in the true spirit of Christmastide we can show our practical sympathy with thousands of sufferers, our love for hundreds of boys and girls, and help forward a great nation-wide health campaign."

### Topical News

MR. KEITH stated in his lecture to the Wellington Radio Society that Sir William Crookes, inventor of the Crookes tube used in X-ray work, successfully accomplished the sending and receiving of electrical waves through the air in his garden in 1892—four years before Marconi came into world-wide prominence. Sir William announced that he had proved that telegraphy without the use of connecting wires was possible over a range of a few hundred yards. Professor Muirhead and Sir Oliver Lodge, in 1894, sent wireless signals to one another over short distances. It was Professor Branley (a Frenchman), however, who first discovered the "coherer," the first wireless detector. Marconi next invented the magnetic detector, which was followed by the crystal detector, and in October, 1922, by Professor Fleming's detector valve.

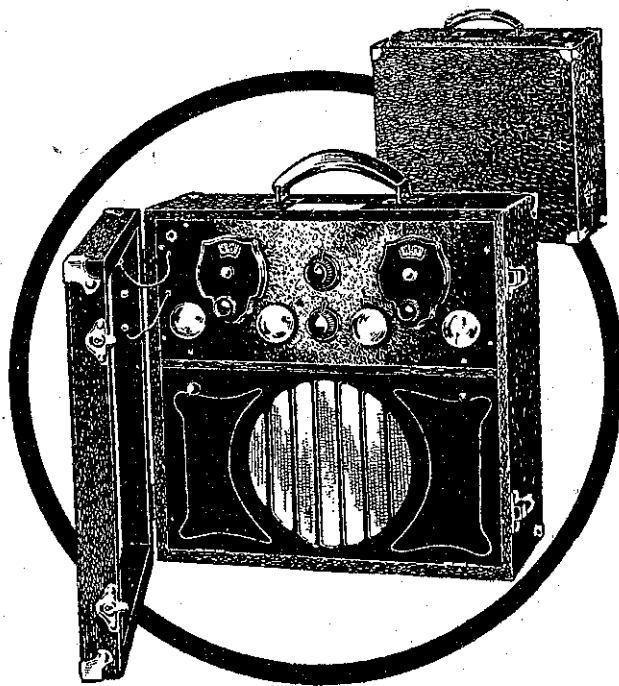
A UNIVERSALLY popular broadcast item from the New Zealand and Australian stations at present is "The Toymaker's Dream." It is a catchy melody that ensures continued popularity.

MR. KEITH, at the conclusion of his recent lecture before the Wellington Radio Society, displayed a remarkable collection of old-time and modern radio parts and valves, British and Continental. He also handed around a new screen-grid a.c. valve, with the amazing rated amplification factor of 1200. The valve, which is new in New Zealand, is about double the size of the ordinary battery type 5-volt detector valve. It could not be used in the ordinary American factory-built set, but could be employed in a circuit specially made for it.

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