

"Let's Run Amok."—"Champion of One Who Can't Hit Back."

**Distance with a Crystal.**

I AM a constant reader of your paper, and in last week's issue noticed an article on long distance with a crystal set. I have a crystal set, and one Tuesday, after 4YA closed down, I picked up 2YA relaying from Wanganui. I have received 2YA on other nights, but not so well as Tuesday. The volume was equal to that of some of the amateurs here.—"Crystal" (Dunedin).

**Believes in Wave Trap.**

I HAVE had some interesting experiences with my three-valve set. I have found that the nearest thing to a static eliminator is an efficient wave-trap. By taking a tapping as far down the aerial coil as possible volume will be reduced to small degree but speech will be perfect and static reduced to a minimum.

Last night, when a rebroadcast of the All Blacks' football match was in progress from 4QG, I was tuned into 2YA, Wellington. I found that static was bad. I tried 1YA and it was the same, so I cut them out, took the lowest tapping on my aerial coil, picked up my earphones and went over to 4QG, and to my great surprise static was almost absent. I could hear every word the announcer of 4QG, Brisbane, said. I get good loudspeaker strength

when wavetrap is full open, though speech is not nearly so clear.

All the week, though bad weather, I have found conditions from overseas simply A1. I have logged the following stations since Wednesday this week with remarkable clarity: KPO, San Francisco; KNX, Los Angeles, California; KFOX, Long Beach, California; 2KY, Sydney, and 3UZ, Melbourne. All were clear at good phone strength, fading was the only bugbear. Do the "Yanks" not observe Sunday over there, as they were still going strong on jazz when I shut them out at 8.15 p.m., that would be nearly 1 a.m. there? I have never been troubled with static from overseas since the night Kingsford Smith was found in Derby and attempts were made to get news.

I found that the tappings to give optimum results varied from time to time.

I have no fault to find with YA stations, but I wish they would cut that tacet out from 2YA. The announcers from our YA stations are first class. I think the 2YA announcer one of the best.—"N.Z.R." (Otahuhu).

**Quality of Relays.**

I HAVE repeatedly noticed that 2YA is much clearer when relaying from the Town Hall than from the studio. It was very marked the night Mr. Holland gave his description of the earthquake. Again, to-night the same thing happens every time that we are switched from the Town Hall to the studio, and back.—H. N. Brocas (Hokianga).

**Pleasing Everybody.**

AS the time has come once more for the renewal of my subscription to the "Radio Record," I take this opportunity of congratulating the company on their success. I also read the "Record" with keen interest. I often notice some letters from poor dissatisfied, and disgusted listeners. You cannot please everybody. I myself am quite pleased and contented with what is being done by the Radio Broadcasting Company, so I say, "Carry on the good work and good luck."—"Hook" (Timaru).

**Band Relays.**

I HAVE a four-valve set and get great pleasure out of it. I have been listening to the concert from the Radio Exhibition and I am enjoying it very much, but the station fades a good deal, so does Auckland. Christchurch is the only one that keeps up to standard in New Zealand.

Could you tell me how it is you can broadcast the Wellington Municipal Tramways Band from Wellington, and the Christchurch Municipal Band from Christchurch, and the Auckland Band wants £500 a year, which is ridiculous?—"Poor Townie" (Tangowahine).

**Wanganui Relay.**

ALLOW me to congratulate station 2YA, Wellington, for their splendid relay of the concert provided by the Queen Alexandra's Own Band, and assisting artists, last Tuesday evening, July 30, at the Opera House, Wanganui. All the items came through with good volume and clarity, the concert being thoroughly enjoyable, from every point of view. I must also express my thanks for the relays of the All Black football matches, recently played in Sydney, which have proved most interesting. Wishing the R.B.C. of New Zealand every success.—Five-Valver (East Town.).

*Latest Invention*

*Pentode's Dynamic*

*An Improvement*

LISTENERS who have had the annoyance and expense of buying new valves, because by some mischance they have burned out, will welcome the news that a new valve has been invented which can be renewed when the filament burns out.

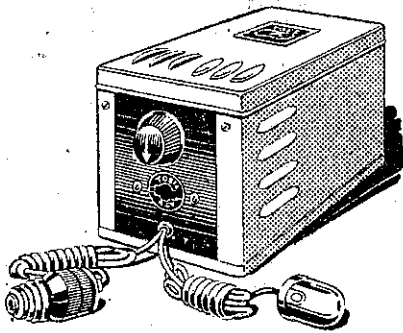
A valve displayed at a recent trade show in America has a heating element that can be withdrawn from the bulb. When the heater burns out it can be replaced and the owner does not have to buy a new bulb. He buys only the heating elements.

A small screw is removed from the base of the valve and the base of the heater element is removed to make way for the new one.

F. HUNTLY (Dannevirke) writes:

Like myself, I suppose many constructors avoid the idea of using cast-iron for pot magnet on account of the low permeability. As I am constructing one of wrought iron, I asked the blacksmith to make me a cylinder of wrought iron bar 4in. x 3-8in. by 12½in. long. If intended to be welded allow a little more in length. The end plates can be of the same material. The core is 1½in. iron bar. To cut down cost as much as possible I had all joints ground flat on a shearing machine grinder. This pot cost me 7s.

**Install the TOBE "A"**



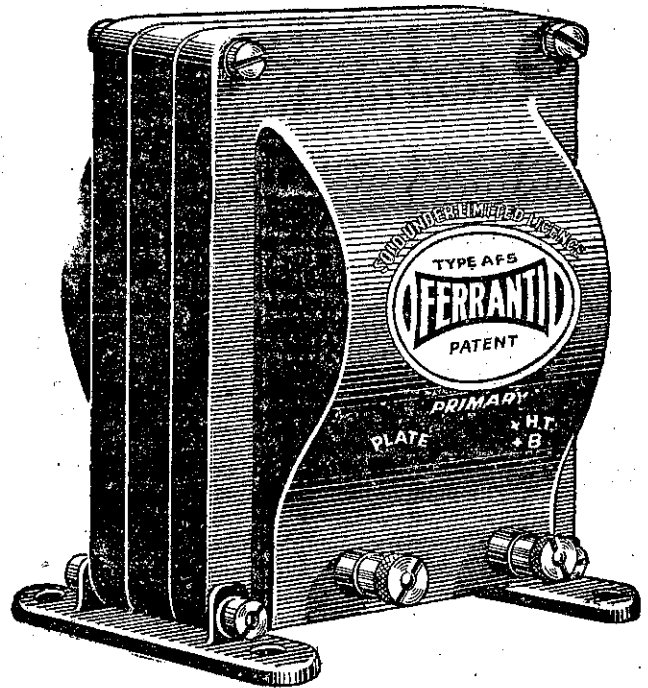
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