Lawrence, bringing the history of this troubled country up to the presest day. The talks will be continued fortnightly for three further Mondays. Judging by the first lecturette, the dull school history book, with its masses of dates and statistics, will soon lose much of its former appeal.

## £1000 Gift

THE welcome announcement that an anonymous donor had contributed £1000 for radio at the Auckland Public Hospital, was made last week. Although radio entertainment for tients at this hospital has already been provided to some extent, there is an increasing demand and the hospital board will now be able to install an up-to-date system. In the past

# MATERIAL MATERIAL DE LA COMPTENZA DE LA COMPTE

# U.S.A.'S 22,000,000 LISTENERS

# Figures Now Compiled

AT last advertisers, advertising agencies and broadcasters have agreed on the estimates of the total number of radio families in the United States. Here are the figures established by the Joint Committee on Radio Research:

Radio families in United States as at January 1, 1936, 22,869,000.

Percentage of total families owning radios, 74 per cent.

Sets sold for home use, 1935 (excluding auto sets), 4,400,000.

New radio families added in 1935, 413,000.

413,000.

Increase in radio families over January 1, 1935, 6.6 per cent.

Automobile set sales in 1935,

Automobile sets now in use (approximately), 3,000,000.

These figures are the answer to

the question as to whether broadcast advertising discourages listening. Work is now progressing on the preparation of state-bystate and county-by-county estimates.

 $\overline{z}$  is not not a finite statement of the construction of property of the statement in the construction  $\overline{z}$ 

Health Department has regarded radio as rather a luxury in such institu-tions, and the board has been handicapped because no money could be specifically provided for the purpose. The board decided last week to call tenders for the radio equipment of the Wallace Wards, the intention being to have one master set on each of the five floors of the building, with headphones to each bedside. Radio has for some time been installed at the two other institutions controlled by the hospital board, the Knox Home and the Auckland Infirmary, where the patients regard it as a boon.

### Trouble with New Set

LAST week an Auckland listener who purchased an expensive set telephoned the dealer and complained bitterly that all he could get, either day or night, was 4YA Dunedin, also that this station covered the whole of the dial. The firm concerned was in high glee and sent an expert serviceman to inspect the set which was so powerful and selective that it could get 4YA in broad daylight and covered the whole of the dial. The trouble was soon discovered. A grub screw on the tuning control had loosened, the result being that although the dial pointer could be moved over the whole dial, the set itself remained permanently tuned to the station on which it happened to be last used.

# Help Wanted

THE Otago Radio Listeners' League has lived for six years, but unless the membership in-ereases appreciably within the next few months, it will go to its grave. At the annual meeting last week, twelve members were present, and two or three were in favour of winding-up the affairs then and there, but the others were not so easily beaten, and finally it was decided to start a new drive for members. Those present were at a loss to understand why the listeners were unwilling to support the league—the listeners were not entirely satisfied with the broadcasting they received, yet they were loth to join a body that was trying to help them.

#### Patent Aerials •

AUCKLAND is at present experiencing an epidemic of "patent" aerials, some of which are guaranteed to bring in foreign stations that cannot be heard on the normal outdoor aerial. A well-known radio expert considers that the claims made on behalf of some of the patent aerials should be the subject of investigation, and he pointed out that no type of indoor aerial could compare for efficiency with the outdoor type. He said that the pickup of a properly designed outdoor aerial using masts from 35 to 40 feet in height was from twenty to thirty times greater than any indoor aerial which had a re stricted sphere of usefulness.

## Fine Work

MISS GRACE WILKINSON. charming New Zealand contralto, who has been delighting 3YA listeners, is to be followed immediately by Beatrice Pugh, Australian soprano. Although Miss Pugh is known as an Australian singer, she was born in England and there received her early musical training. She went to Australia when she ended her schooldays. She continued her studies and in the meantime won competitions, gold medals and a scholarship before her professional career proper began. The B.B.C. engaged her regularly for two years, and to-day she is receiving a very warm welcome from New Zealand.

#### Troubadours

FOR perhaps the first time in the history of 4YA, two speakers have appeared at the microphone at the one time to give a joint talk on travel and experience, and those who were for-tunate enough to hear them speak had only one regret-twenty minutes was all too short a time for such an interesting item. The speakers were the caravaning troubadours, Misses Joan and Betty Rayner, who gave an interesting and entertaining discourse on "Experiences in Scotland and many." They had a remarkably Gerfree and conversational style at the microphone, and a subtle manner of transferring the story they had to tell from the lips of one to the other, without in any way damaging the connection between the incidents described.

## Shavian -

STATION 3YA has gone Shavian. On July 16 it will present "How He Lied to Her Husband." The cast provides for Dr. H. E. W. Robertson as He, Miss Marjorie Bassett as She, and Professor James Shelley as her Husband. With such a strong combination of Christchurch players, this should be something really worth-while in the radio world.

# Golf Talks

WITH so much interest being taken in all codes of football, and the crowds who watch hockey, bowls, etc., one wonders how many people are left to take an interest in golf. The interest taken in the three talks given from 1ZB by Norrie Bell, professional at the North Shore Club, and former New Zealand champion, will convince anyone that the old and ancient game is still growing in popularity. In these talks from the Friendly Road station, Mr. Bell dealt fully with the fundamental principles that are the basis that must be mastered before any player can hope to get the maximum enjoyment out of any eighteen holes, regard-

TOPICAL TIT BITS, No. 31. Results. Correct solution as lodged with "N.Z. Truth": "Everyone welcomes the passing of the shortest day, Although we must be prepared for more inclement weather, it will not be long before we see the first spring blooms." Eighty-one competitors submitted all-correct solutions and the prize-money of £40 is accordingly divided equally, each receiving 9/10. Those who divide are.—Ashburton: S. Beech. Napier: Mrs. D. Wooler, H. Hood, W. Ireland, Miss M. A. Garnham. Gore: Adair Bros. Dannevirke: D. R. Huntly. Dunedin: Miss A. Sutherland, S. Dickinson, Mrs. V. McLennan, C. Hallis, B. G. Prince, C. Maguire, W. H. Lacey, Miss E. M. Robertson, G. Kirkwood, Mrs. E. Millar. Christchurch: Miss M. Mitchell, L. T. J. Ryan, C. Coman, W. Williams, Mrs. C. V. Hammond. Elthem: G. Mitchell, L. T. J. Ryan, C. Coman, W. Williams, Mrs. C. V. Hammond. Elthem: G. Mitchell, L. The Chateau: Mrs. Dester, Martinborough: S. G. Trounce, Waitara: I. Wilson. Rangatana: Mrs. O. M. Stratford. Piriaka: D. C. Mercer. Pakowhaf: Mrs. A. Brown. Kirikopuni: J. D. Boys. Nelson: Mrs. A. Allen, Mrs. G. Henry, Mrs. J. Banks. Te Kuiti: J. Sillick, Mrs. J. Sillick, J. Collins. Blnf: Mrs. M. Long. Onga Onga: Mrs. J. Coles. Whangamomona: Mrs. C. M. O'Dea. Carterton: C. Teal. Maheno: Mrs. Weir. Morrinsville: Mrs. G. Hopkins. Lyttelton: A. Millar. Taieri: Mrs. T. Lobb. Timaru: Mrs. G. Blair. Temuka: Mrs. T. Webb Palmerston North: Mrs. Palmer, A. Sharp. Wellington: W. Beid, D. Boyd, A. Russell, H. Phipps, Miss I. Hare, Mrs. B. Radford, Greymouth: C. Peebles, Mrs. H. Moore. Invercargill: S. Autrex, Mrs. M. Barnes, Mrs. A. Forbes. Feliding: Mrs. M. J. Murch. Waimata Valley: F. H. Smith. Auckland: Mrs. A. Reid, R. McGurin, W. Green, G. Campbell, W. Meeks, A. Carlinson, R. Pasquin, P. Cowsill. New Plymouth: B. A. Hirst. Gisborne: J. Linton, J. Collins. Wanganui: Miss Patton. P. T. James, T. Huie. Lower Hutt: Miss Aldersley. Masterton: Mrs. A. Reid, R. McGurin, W. Green, G. Campbell, W. Meeks, A. Carlinson, R. Pasquin, P. Cowsill. New Pity

# N.Z. REFEREE

All Racing News and Views