### Useful Hints

DON'T rely on an ordinary house switch to cut off the supply from Eden was caused by an apple." your eliminator-sometimes it doesn't!

A GREAT improvement in crystal reception will often occur if the crystal is cut in two, or chipped, and a clean surface is exposed for use instead of the old dirty one.

A UDIO transformers, especially of the unshrouded type, should never be mounted close to one another, and should always be used with their cores placed at right angles.

A GRID leak inserted between the grid of the first audio valve and the wiring to this, is useful to obviate roubles due to radio frequency superimposed on the audio. (The valve of the resistance should be about a quarter of a megohm.)

FINE adjustment of oscillation is very important in the control of a shortwave set, and the use of a different valve grid leak will often give improved results.

REMEMBER that a soldered joint should always be wiped whilst it is hot with a clean cloth to remove all traces of flux easily.

A PIECE of stiff paper or blotting Mr. Meie ness yet. paper pushed over terminals, etc. before they are coated with flux, will prevent this from reaching the panel and impairing efficiency

DO not attempt to use an ordinary potentiometer for volume control purposes, as in such cases the resistance should be about equivalent to that of a grid leak, i.e., a quarter of a megohm

### In Lighter Vein

"All the trouble in the Garden of

"No, it was caused by a green pair!"

This book gives an admirable picture of woman's life in the home during the Muddle Ages.-From a Re-

We can guess what she was up tospring-cleaning and being a general

The man's lips were moving, but Dick could hear nothing. He bent What was the man saving?-Short Story.

His breath, apparently.

Lady recommends man as gardener. odd jobs; really bandy; would help as butler.—Advt. in a Provincial Paper.

We should hate to have a bandy

Master: 1 am sorr, compalation always quarrelling with you. Master: I am sorry that mistress is

as you do and take no notice.

Film Manager: You must do that fall over the mountain-side againthat won't do; it must be more natural. Come up and do it more naturally.

Stage Hand: Please sir, we can't-Mr. Meier hasn't regained conscious-

A man was arrested for assault and CROSLEY RADIO ...... battery, and charged before the judge. Judge (to prisoner): "What is your

name, your occupation, and what are you charged with?"

Prisoner: "My name is Sparke, I'm

an electrician, and I'm charged with battery."

Judge: "Officer, put him in a dry

#### BATTERY CLIPS MAKE SURE CONNECTIONS

Are Specially Plated PRICES : to Resist Acid SAVE TIME

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A. E. Strange

IMPORTER OF RADIO GOODS 404 Worcester St., Christchurch

# RADIO DIRECTORY

### What to Buy and Where

#### **CITIES**

AERIAL MASTS ..... Domestic Radio Co., Ltd., 300 Queen Street, Auckland.

ALTONA & HAMMARLUND- Johns, Ltd. ROBERTS SETS.

Chancery Street, Auckland.

BURGESS RADIO BATTERIES, All Radio Dealers.

CROSLEY RADIO RECEIVERS Harringtons (N.Z.), Ltd.,

40-42 Willis Street, Wellington.

Abel, Smeeton, Ltd., 27-29 Customs St. E., Auckland.

LISSEN RADIO PARTS AND All Radio Dealers.

KING RADIO RECEIVERS ... F. J. W. Fear & Co., 63 Willis Street, Wellington.

MAJESTIC RADIO RECEIVERS Kirkcaldie & Stains,

Wellington Agents, Lambton Quay.

MULLARD VALVES .....

All Radio Dealers.

PILOT KITS, ETC.

PARTS AND Abel, Smeeton, Ltd., 27-29 Customs Street East, Auckland.

PILOT 1930 PARTS-PILOT Harrington's, N.Z., Ltd., SUPER WASP KITS, GILFIL. 138-140 Queen St., Auckland. LAN, KELLOGG and AT-WATER KENT SETS ......

RADIOLA RECEIVERS Expert Radiola Service.

and Farmers' Trading Co., Ltd.,

STEINITE RADIO

..... G. G. Macquarrie, Ltd., 120 Willis St., Wellington,

#### COUNTRY TOWNS

CROSLEY SETS 1-121..... Abel, Smeeton, Ltd.
Bank St., Whangarei, G. A. Temple, Mga.

CROSLEY SETS ..... Abel, Smeeton, Ltd. Rep.: C. Ruscoe, 409 Devou Street. New Plymouth.

CROSLEY SETS ..... Dobbs Bros.,

MAJESTIC, ATWATER-KENT Radio House, Hamilton. AND RADIOLA ELECTRIC G. S. Anchor. Manager.

PHILIPS VALVES AND

APPARATUS All Good Radio Dealers.

# A New Valve! A Better Valve!

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The new UX221 is a valve the need for which has long been felt.

It means a big saving on your "A" battery, consuming only .06 amperes. It will fit in the place of the 201A valve without any alterations-but that is not all. Fit one and notice the improvement in volume and tone.

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