

use a highly polished wood for their fitting. No doubt this is done to reduce the cost. Screen grid circuits are the general rule.

Of the small valve receivers the most popular were those manufactured by Cossor and Kolster-Brandes, either battery or A.C. The Cossor New Empire Three screen-grid kit embodies several new features in kit construction, including special screening and metal base plate, and improved cabinet work. A metal-lined screen grid valve is used in this kit. The Kolster-Brandes utilizes a screen grid R.F. amplifying valve, detector and a high voltage rectode output valve. The clearly-marked illuminated condenser scale is calibrated for direct readings of wavelengths on both long and short waves.

In the large set field, there are several really good long-range receivers suitable for our conditions. In the majority of cases they are housed in good cabinets and built for A.C. work. Such well-known firms as Marconiphone, Tannoy, Ferranti, McMichael, Columbia, Kolster-Brandes, and Pye Radio showed nice models. The most appealing of this type was the "Panther," a console model with five valves, in a modern style walnut cabinet finished with a high polish and incorporating a moving coil speaker, made by Ultra, Limited.

The largest radio on show was that made by Varley. Its overall dimensions were 41in. wide by 22½in. deep and 39in. high—a set not particularly suited for flat dwellers.

In the accessories on display, several features of unusual interest were noticed. One firm was selling a cone adapter that cuts out chatter and rattle. It is designed to take the place of the customary small screw for adjusting the reed or driving rod, as it closes up with equal pressure the whole surface of the reed or rod, and then a clamping device gives a permanent grip at the back of the cone. Another was a terminal which, by changing the top, could be used with equal success as a clamp, grip, and extension.

No outstanding developments in valves were shown, the main improvement being "metallising," which enables a constructor when using this type of valve to do away with screening. In these valves the outside glass surface is covered with a special solution for this purpose.

Firms familiar to New Zealand and who exhibited were: Amplion, Ltd., speakers; British Thomson, Houston Co., Ltd., pick-ups, etc.; A. C. Cossor, Ltd., sets and valves; Dubilier Condenser Co., Ltd., a full range of condens-

ers; Ferranti, Ltd., loudspeakers, transformers, sets; Fuller Accumulator Co., Ltd., accumulators; Igranic Electric Co., Ltd., transformers, chokes, condensers, radio combination motors, pick-ups, amplifiers, and microphones; Kolster-Brandes, Ltd., combinations, super-sets, 3-valve, all A.C. and D.C., 2-valve A.C. and battery models, speakers, wavetraps, and headphones; Lisen, Ltd., combination, two, three, four and five-valve receivers, portables, valves, dry batteries, eliminators, pick-ups, accumulators, and full range of components; Magnavox (Great Britain, Ltd.), speakers, Marconiphone, 6-valve super-het., 2, 3, 4-valve receivers, A.C. and battery models, loudspeakers, pick-ups, valves; Mullard Valve Co., battery-operated sets of all types, A.C. sets, valves, all types, including transmitting valves, and speakers; Ormond Engineering Co., speakers, condensers, and general components; Pye Radio, Ltd., kit-sets and portables, battery and A.C.; Siemens Electric Lamps and Supply, Ltd., their new Full-o'-power dry batteries; Telegraph Condenser Co., full range of condensers.

With the closing of the exhibition on September 28, it was taken to Manchester, where it opened to record business the following week.

## Impressions of England

(Continued from page 8.)

in their adversity, the greatest of all being William of Orange, who, by his genius, courage and devotion, kept the Spaniards at bay until he lost his life by an act of treachery.

The history of their country shows the Dutch to be a robust, self-reliant, painstaking people, and their great country, rich in art, in architecture, and in engineering and agricultural achievements, has reached its present state because of those qualities. Further qualities that might be quoted are wisdom and shrewdness, which were notably in evidence during the Great War, which the Dutch very wisely kept out of.

### Reclaiming From the Sea.

ONE example might be quoted of their engineering ability and enterprise. Up till the year 1893 there existed near Amsterdam a large lake whose waters were deep enough to carry small ships, and rough enough in stormy weather to wreck them. Three powerful pumps were installed on the shore of the



### "THE BOY"

Both 3YA and 4YA  
will broadcast on relay  
from His Majesty's Theatre  
a performance of  
Monckton's light opera

### "The Boy"

by the  
Dunedin Amateur Operatic  
and Dramatic Society.

under direction of  
MAJOR F. H. LAMPEN.

Musical Director:  
MR T. J. KIRK-BURNAND

lake and the water was gradually pumped out. In three years the lake was dry, and the land so obtained is now a prosperous and richly-cultivated district.

Here is the centre of the bulb industry, and during the month of April, when I was there, the country on either side of the railway is ablaze with tulips, hyacinths and narcissi.

The Dutchman, with his love of order, arranges his bulbs in squares, of mathematical correctness, and when the bulbs are in bloom the country all round resembles an immense patchwork quilt of brilliant reds, pinks, yellows, and blues.

### The Picture Galleries.

OF all the things to see, the picture galleries of Amsterdam and the Hague are probably what people remember most clearly after a visit to Holland. I suppose the Dutch people themselves look upon these galleries as their most precious possession. But it is true of the Dutch pictures as it is of great works of art in other countries. The ordinary tourist does not often look at them with any real pleasure, because he knows very little about art. He is in a hurry and has to see all the pictures in the gallery in

one afternoon. At the end of that time he is exhausted, bewildered, and dissatisfied, and has failed to carry away with him any clear or lasting impression of any one single picture, though he would never dream of admitting all this, even to himself. It is not necessary to be an artist to see the beauty in a masterpiece, but there must be some educated understanding, and there must be leisure and a calm, undistracted mind.

The main cities of Holland are close together and in consequence are easily visited. Amsterdam abounds in interest, but is too big, too crowded, and too preoccupied with commerce to be able to retain its picturesqueness and beauty.

The Royal Picture Gallery in Amsterdam is, of course, one of the most famous in the world. It is largely, but not entirely, confined to Dutch art, and in it are to be found many great masterpieces. Dutch art appeals to the English mind more readily, I think, than Italian art does. The landscapes and interiors are especially beautiful. The artists whose pictures I recall most clearly are Rembrandt, Vermeer, Jan Steen and Ruysdael.

A demented Dutch student had recently slashed Rembrandt's famous picture, "The Anatomy Lesson," with a knife. Consequently the attendants kept a very watchful eye on visitors to the gallery.

### Old Habits and Customs.

FOR these things one must go to the Hague, to Leyden, and to Delft, and, still more, to the remote villages, where the habits and customs of old Holland still exist, though in some cases one is sadly aware that they exist only in order to attract the tourist, the old Dutch dress is mostly worn for the same reason and in the large towns it has now entirely disappeared.

### A Remnant of Old Holland.

MIDDELBURG, in Zeeland, in the south, on market day is still a true remnant of old Holland. Here you can see Dutch peasants living and working as they did before modern customs came along, bringing with them utility in exchange for beauty and simplicity.

KNOW the time all over the world with a  
DX Clock.  
9d. Each, Posted.  
P.O. Box 1032, Wellington.

Ad B4

**JRC**  
**RADIO TUBES**  
Challenge these thoroughbreds of radio to prove that they are thoroughbreds... in any set... anywhere... anytime.

**JOHNSONBURG RADIO CORP.**  
Johnsonburg - Pennsylvania

Factory Representatives:  
N. R. CUNNINGHAM, LTD.,  
P.O. Box 147, Masterton.

## ILLUSTRATE Your Goods and SELL Them

Those who buy for the home, farm, office or factory have one thing in common. They usually buy the things that look best for the price. Whether their buying is influenced by newspaper advertisement or catalogue they purchase the goods pictured and described to the best advantage.

Your product can be successfully pictured if you use "Dominion" illustration blocks. Made by craftsmen who know how to produce the best results for every class of printing, they give unusual satisfaction. Let us help you with your illustration problems.

"The Dominion" Process Engraving Dept.

WELLINGTON

Day and Night Service

