

International Press-Cutting Bureau,  
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### The Hivac Harries All-Stage Valve. 2802

This year the High Vacuum Valve Co., Ltd., show for the first time in its production form the Hivac Harries All-Stage valve. This valve is, we learn, the result of four years' work by Mr. Stephen P. de Laszlo, in co-operation with Mr. J. H. Owen Harries, the inventor. The All-Stage valve is a multi-grid critical distance valve, so constructed that it makes possible the production of a multi-valve receiver, such as a super-heterodyne using only one type of valve throughout. It is applicable to many specialised purposes, and may be used either in the transformer-fed A.C. receivers or in series heater type A.C./D.C. instruments. It is put forward as the first fundamental advance in valve engineering (apart from the Critical Distance principle itself) which has been made for some years. Already, we are informed, one of the oldest firms in the industry have incorporated this valve in their latest receiver. A complete chassis using these valves is shown. Other exhibits are a range of special two-volt short wave receiving valves, and a complete range of battery and mains valves. There are also models of the "Wayfarer" Major portable receiver and the "Wayfarer" Grand. A number of additions to the already existing Hivac range are shown for the first time.

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Exide and Drydex batteries, of particular interest, are the Exide unspillable cells, in sizes and types to fit practically every well-known portable receiver, and bearing on their labels details of the receivers for which they are suitable. In addition, a complete range of special unspillable low-tension cells for Midget receivers has also been introduced. The Exide wet high-tension batteries exhibited are now fitted with the new type of leakage current shield fitted round each of the terminals to reduce the current leakage across the top of the battery from one terminal to the other. Continuing the policy of having available a suitable H.T. battery for every radio receiver, Drydex have augmented their range to cover all latest model wireless sets. The makers and exhibitors are Exide and Drydex Batteries, Ltd.

#### Fuller Accumulators and Dry Batteries.

For the coming season the Fuller Accumulator Co. (1926), Ltd., have greatly increased their range of both accumulators and dry batteries, particularly in the case of the latter, which is now very comprehensive and provides a suitable H.T. battery for every popular radio receiver. Certain additions have also been made to both jelly and free acid unspillable accumulators for portable and transportable sets, and their present selection