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MULLARD VALVES All Radio Dealers.

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The increasing use of the mains for energising radio sets has brought into prominence the important part played by fixed condensers. Reliability is their first essential, for the failure of a condenser employed in any apparatus connected to the mains may have serious consequences. In addition to their safety factor—they are tested at voltages considerably in excess of any they are likely to encounter in service—FERRANTI condensers are wound with pure metal foil—not metal-sprayed paper, as is common practice—with the result that they have a very low internal resistance.

When the best are British made, why not specify FERRANTI?

New Canterbury Agent:

We have pleasure in announcing the appointment of
MR. A. J. G. RUSSELL,
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ARTHUR D. RILEY & CO., Ltd.

Wellington and Auckland

Out of the Dark

(Continued from page 3.)

our environment, but has thoroughly revolutionised it. Since the days of Assyria and Babylon nothing has occurred which has so completely and in so short a time changed the method and manner of living of the human race as the mechanical revolution of the nineteenth century.

Our great-grandparents would find themselves far more at home in the world of the Venerable Bede or of Alfred the Great than they would in the world we occupy to-day.

Revolution in Methods.

DURING the past century the revolutions in industrial methods, in scientific knowledge, in commercial and financial organisation have enormously increased man's knowledge of natural resources and his power to transform them into things that minister to his comfort and well-being.

The nineteenth century witnessed the opening-up of the great grasslands of the world, the great plains of the temperate zones—in Canada, United States, Argentine and Australia. The application of steam power to ocean and land transport, the construction of railways into continental interiors, the provision of adequate water supplies by well-drilling appliances, the invention of harvesting machinery, and the use of refrigeration have brought into the food supplies of the world rich stores of grain, dairy produce, and meat from plains that were not long ago sparsely inhabited by nomadic tribes.

The rapid economic growth of the United States of America is an outstanding example of this progress.

THE needs of industrial countries have led, during more recent years, to the growing importance of tropical products, such as vegetable oils and rubber, and the ever-growing necessity of finding markets for manufactured goods has brought into prominence the value of tropical regions as suppliers of essential raw materials and as buyers of finished goods. The restless energy of enterprising people from the more advanced industrial nations of Europe has unlocked the vast potentialities of the Tropics.

Transport obstacles have been overcome, swamps drained, insect and animal pests and human diseases conquered, agricultural methods improved, economic security provided by new forms of political control and by effective financial and commercial organisation so that countries for centuries inhabited by savage tribes are becoming important factors in world commerce. In some of these countries changes that took centuries to accomplish in Europe are being produced in a decade or so, revolutionary changes in traditional customs and standards of living. Recent years have seen the rising tide of

industrialisation, of large-scale production by factory methods, spread into countries that had been suppliers of raw materials and profitable markets for the products of the factories of Western Europe.

Difficult problems of shifting markets, of new competitors, of readjustment of industrial life, are arising unexpectedly in many countries, and new social, political, and commercial policies have to be formulated to meet these changing conditions. Severe strains are thus placed upon the machinery of economic control, and the ability of governing bodies to adjust themselves to these stresses is being tested to the utmost.

(To be Continued.)

FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 10 words, and twopence for every other word thereafter.

FOR SALE: 90-volt Fuller Wet R Battery, 3,500 mil. amp. capacity; perfect condition, £2. A. E. Ireland, Ormondville.

ATLAS B Eliminator, taps 120, 150, 0-100 var., output 24 m.a. sufficient for 4 or 5 v. set. Cost £6/15/-. Price £4. Burndept 3-valve in excellent condition. Screen-grid, detector, pentode, short-wave and broadcast band reception, £4 with valves. Brown Moving-Coil Loudspeaker, cost £8/8/-. 0-12 v. winding; price £3/10/-. "Neutron," Box 1032, Wellington.

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