

satisfactorily with the difference between labour and capital would be of the greatest conceivable benefit to industry. A research which would seriously reduce infantile mortality would add immensely each year to the workers in industry and the energy available for production.

All civilized countries are now becoming thoroughly awakened to the vital necessity of encouraging research. Great Britain, the United States, France, Australia, New Zealand, South Africa, Japan and even little Finland, have taken very definite action along this line. In Great Britain a Committee of the Privy Council for Scientific and Industrial Research, with an Advisory Council composed of a number of the most distinguished men in the scientific and industrial world, was appointed in 1915, for the special purpose of furthering research in the British Isles. This Committee has issued two very able and practical Reports outlining the work which it has already taken up. Last year the British Government transformed this Council into a regular Government Department, that of Scientific and Industrial Research.

The British Government has placed a special fund of one million pounds sterling at the disposal of the Research Department which proposes to use this fund to aid in the establishment and maintenance of laboratories engaged in research in the interest of a special industry or of a group of allied industries, these laboratories to be partially supported from the start by the industries interested, and after a period of five years at the longest, to be taken over and wholly maintained by the industries in question. It is, therefore, evident that the prosecution of industrial research on a co-operative basis is to be largely delegated to the interests themselves. While standing ready to give every stimulus and encouragement, the Research Department realises that the ultimate success of these researches is mainly dependent upon the interest and support given to them by the industries actually to be benefitted.

In the United States not only is an immense amount of research work being carried out by the great Government Institutions, such as the Bureau of Standards, the Bureau of Mines, and several of the other Government Departments, and by separate research laboratories such as the Mellon Institute of Pittsburg, but a very large amount of research work is being undertaken by great industrial concerns for the development and extension of their own businesses. There are over fifty industrial concerns in the United