

Visit to Stanley Cox, Ltd., 39, Gerrards St., W.1.

Resulting from an application for information by Mr. Stanley Cox to The British Broadcasting Corporation, Messrs. Morris and Parsons visited Mr. Cox at the above address on the 28th June, 1933 and interviewed Messrs. Cox and Taylor.

Mr. Cox stated that he desired to embody in the various apparatus which they manufactured such devices as might be necessary in order to render them, as far as possible, non-interfering. Mr. Taylor stated that as far as they were concerned the principle trouble arose from the diathermy apparatus and it was agreed to concentrate on this apparatus in the first instance.

It was pointed out to Mr. Taylor that the interference would be propagated in two ways, viz, by direct radiation and by transmission along the mains. He was informed that the former could only be prevented by enclosing the apparatus and the patient in a totally screened room which would of course be a matter for the attention of the user.

The mains propagated interference in all probability could be effectively suppressed by the incorporation of a suitable filter circuit, consisting of chokes and condensers inserted in the incoming supply leads.

It was requested that a typical diathermy apparatus should be placed at the Department's disposal in order that experimental work might be carried out at Dollis Hill with a view to determining the most effective values of chokes and condensers to use. This was readily acceded to by the firm and it was arranged that one should be supplied as soon as tests could conveniently be made and that Mr. Taylor would be present at the preliminary trial.

Radio.

June, 1933.

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