

RECORD OF VOICE NOW MADE ON MOVING PAPER TAPE

RECORDING an hour's conversation on paper tape, at only a few cents' cost, is the accomplishment of a device invented by Merle Duston, Detroit, Mich., radio engineer. The tape takes the place of phonograph records or other comparatively expensive recording materials, and its record may be played back immediately or at any future time. When a speaker talks into the microphone of the recorder, his voice is translated into electrical impulses and impressed on a pair of electrodes between which the moving tape passes, at "A" in the accompanying illustration. This produces permanent black marks on the chemically treated tape, which are transformed back again into audible sound by a lamp at "B," a photo-electric cell at "C," and a loudspeaker. The device may be applied to such varied uses as recording business correspondence and courtroom proceedings.

ELECTRIC EYE TO RAISE OR LOWER AWNINGS

FUTURE home owners will not need to bother to adjust their awnings, for these will be automatic, according to a recent prediction by J. J. Donovan, air conditioning expert of the General Electric Company. Photo-electric cells will lower or raise them automatically as the sun shines or goes under a cloud.

Conversations are now recorded on paper tape by means of the apparatus shown below. The voice produces on the paper black marks that can be made audible by the apparatus

