

FIG. 1. SCHEMATIC

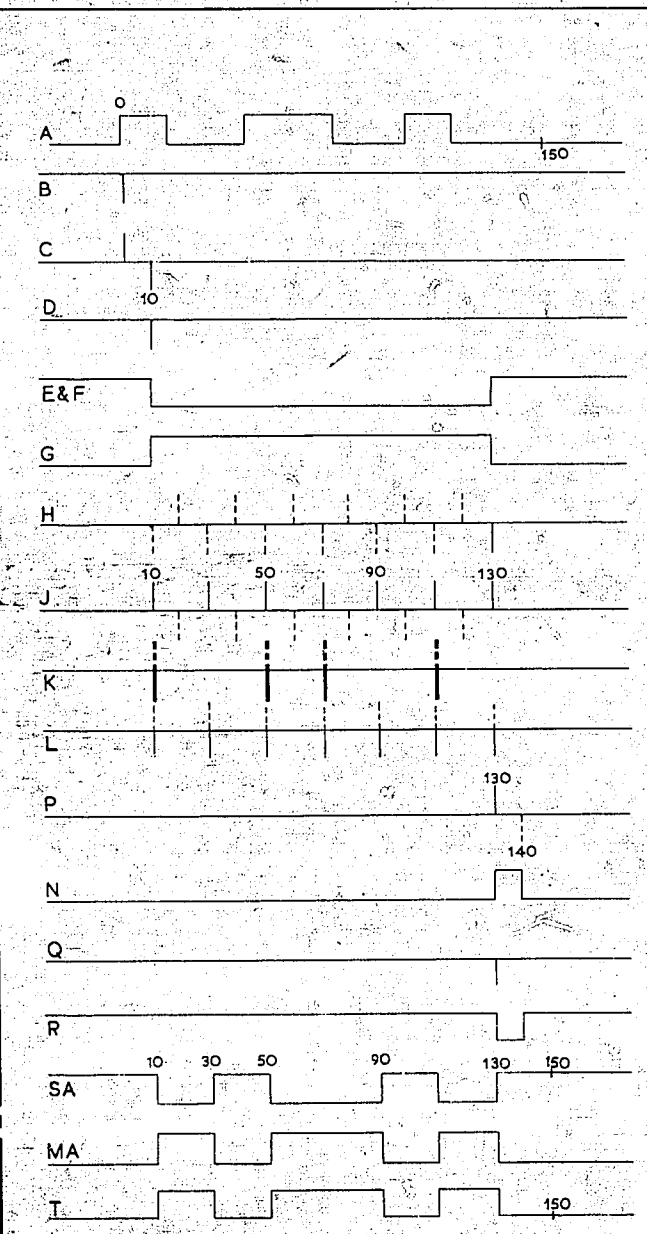


FIG. 2. DIAGRAMMATIC WAVEFORMS WHERE THE INPUT (A) IS A DISTORTED LETTER D IN 7 1/2 UNIT CODE.

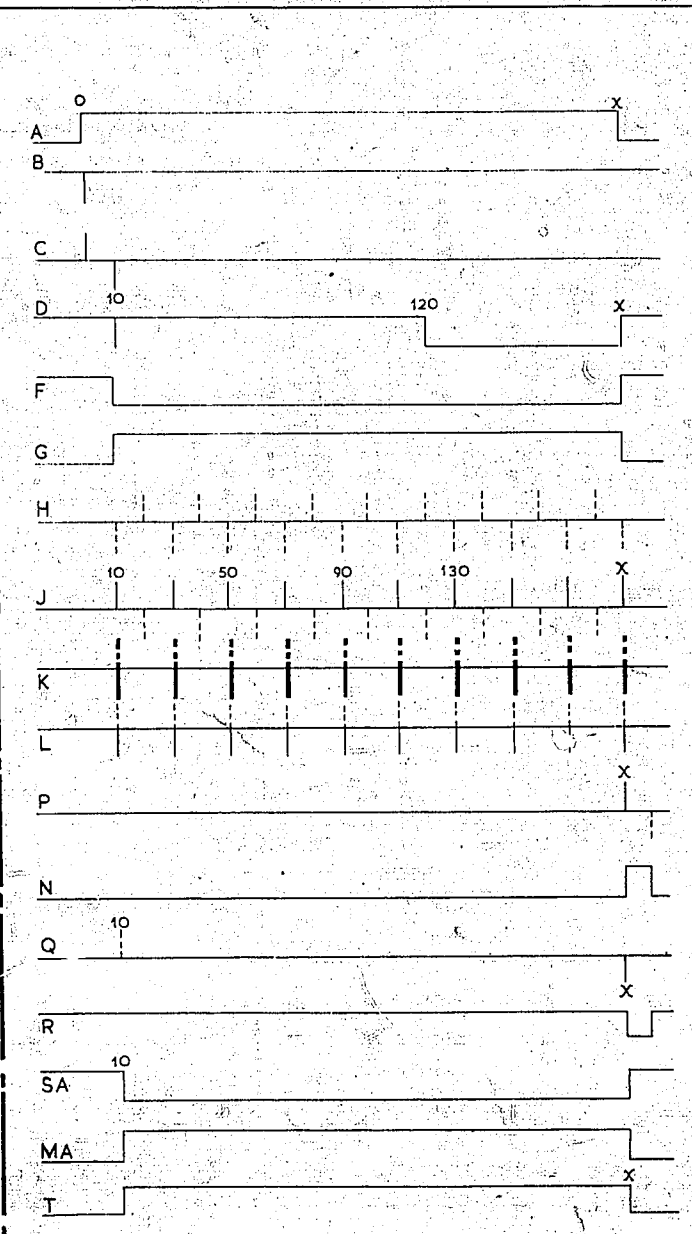


FIG. 3. DIAGRAMMATIC WAVEFORMS WHERE THE INPUT (A) IS A LONG SPACE SIGNAL.

- NOTES**
1. THIS DIAGRAM HAS BEEN DESIGNED SPECIFICALLY TO ASSIST IN THE UNDERSTANDING OF DGM GBW 17780 AND SHOULD BE USED WITH THE DIAGRAM NOTES FOR THAT DIAGRAM. TO ENSURE CLARITY CERTAIN CIRCUIT DETAILS HAVE BEEN OMITTED OR SLIGHTLY AMENDED.
  2. TO GIVE THE FACILITY OF AUTO START SIGNAL INSERTION, CONNEXIONS SHOWN SHOULD BE MADE. WITHOUT THESE CONNEXIONS THE REPEATER GIVES THE ALTERNATIVE FACILITY OF SHORT START SIGNAL REJECTION.
  3. THE DOTTED LINES IN FIGS. 2 & 3 INDICATE PULSES WHICH, THOUGH PRODUCED, ARE NOT USED IN THE OPERATION OF THE REPEATER.

ELECTRONIC REGENERATIVE TELEGRAPH REPEATER FUNCTIONAL SCHEMATIC AND EXPLANATORY WAVEFORMS			
AMENDMENT PARTICULARS		ISSUE DATE	APPD.
		14.6.63	
N.Z.P.O.		DRAWN	CHECKED
		WIRING	CIRCUIT
		GBW 17780	