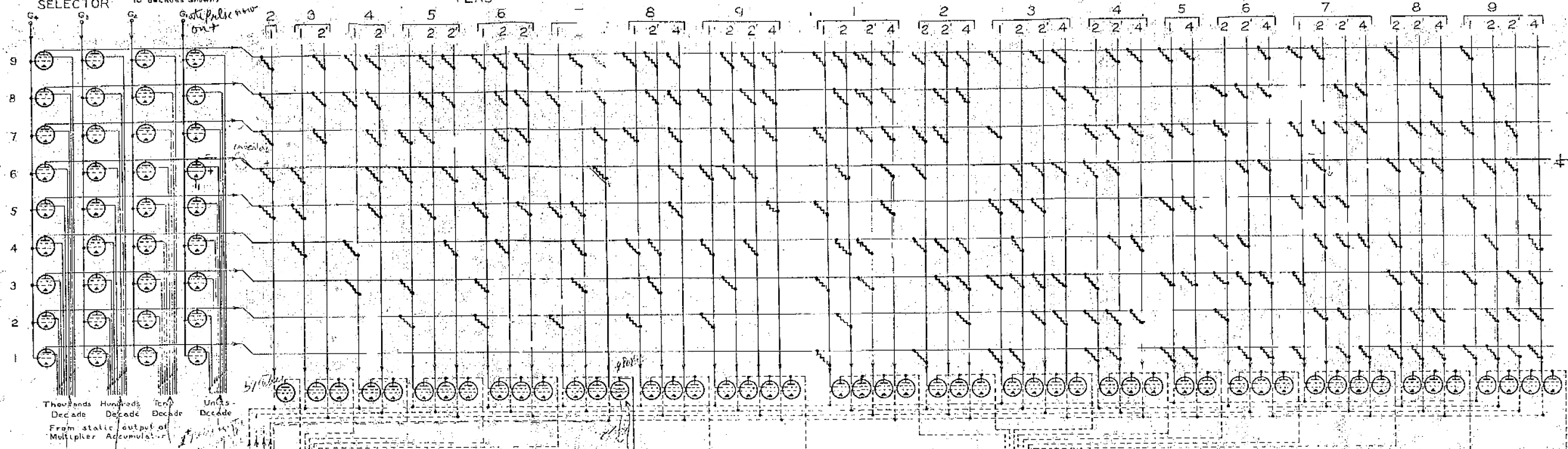


MULTIPLIER (With only 4 of the 10 decades shown)

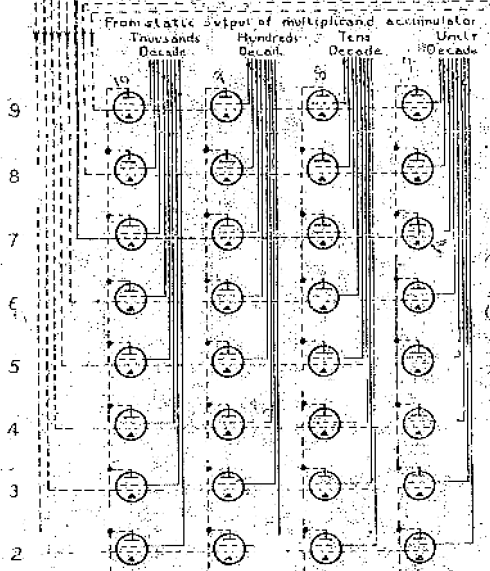
MULTIPLICATION TABLE

UNITS

*10th net*



Thousands Decade  
Hundreds Decade  
Tens Decade  
Units Decade  
From static output of Multiplier Accumulator

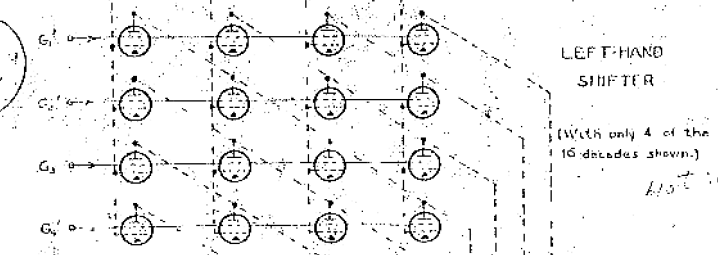
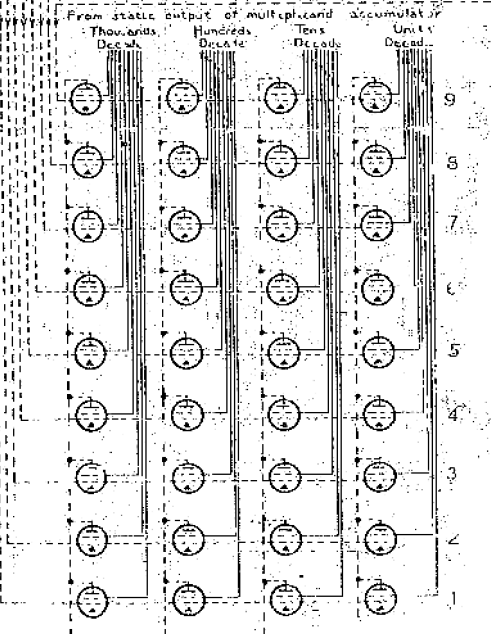


LEFT-HAND (TENS) MULTIPLICAND SELECTOR

(With only 4 of the 10 decades shown.)

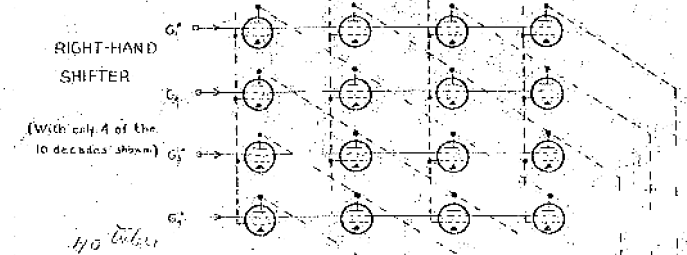
RIGHT-HAND (UNITS) MULTIPLICAND SELECTOR

(With only 4 of the 10 decades shown.)



LEFT-HAND SHIFTER

(With only 4 of the 10 decades shown.)



RIGHT-HAND SHIFTER

(With only 4 of the 10 decades shown.)

SIMPLIFIED DIAGRAM OF HIGH SPEED MULTIPLIER

[DETAILS OF THE CIRCUIT ARE NOT SHOWN]

FIG. 45 NO. PX-6-54

**CODE**

- Pulse carrying wire
- Bus carrying wire
- Input terminal
- Output terminal

To direct digit input terminal of left-hand product accumulator

To direct digit input terminal of right-hand product accumulator

*This system needs change of as finally worked out 1/21/40 see Libman's drawing*

PLANNING TRIAL SHEET NO. 1511