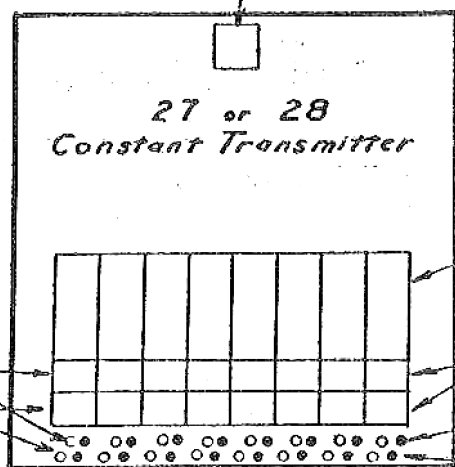


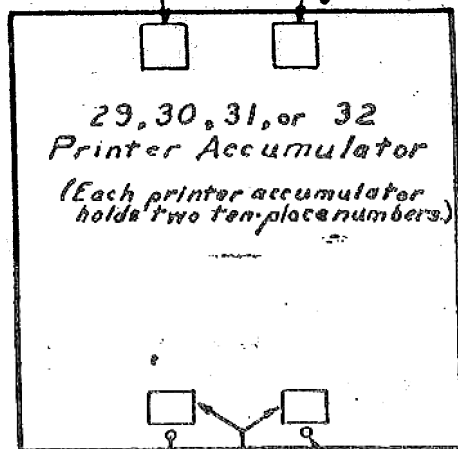
Digit Output
(one digit output for each set of 8 constants)



Constant to be transmitted by Constant transmitter. Each constant may be transmitted twice.
Number in box is serial order number of operation.
Program terminals for upper program controls
Program terminals for lower program controls

Upper Program Controls
Lower Program Controls

Digit input for first number Digit input for second number



Program input terminal for first number Program input terminal for second number
Number in box is serial order number of operation

29, 30, 31, or 32
Printer Accumulator

(Each printer accumulator holds two ten-place numbers)

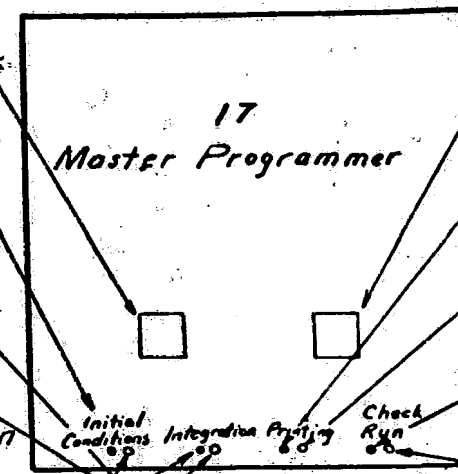
Number in box indicates the number of integration steps the ENIAC completes before results are transmitted to printing accumulators

Program output terminal for pulse to cause initial conditions to be transmitted into proper accumulators

Program input terminal for pulse which indicates that this has been done.

Program output terminal for pulse to initiate steps of integration

Program input terminal for pulses which indicate that step of integration has been completed.



Number in box indicates number of times the printers operate before the ENIAC stops.

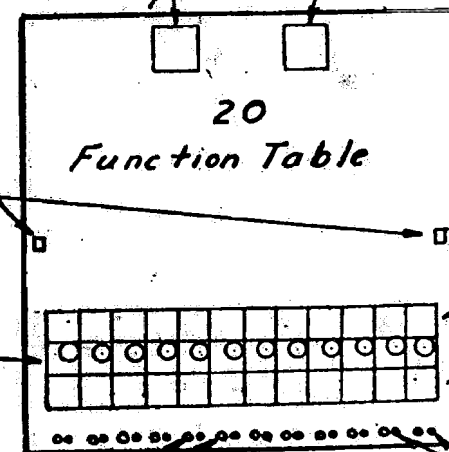
Program output terminal for pulse to cause numbers to be transmitted to printer accumulators

Program input terminal for pulse which indicates that this has been done.

Program output terminal for pulse to cause standard initial conditions to be transmitted.

Program input terminal for pulse which indicates that this has been done.

Add output (A) Subtract output (S)



Interconnector plugs. Used to interconnect function table and argument accumulator

Function switches (letter in box indicates setting)

-2 Output is $f(a-2)$

-1 Output is $f(a-1)$

0 Output is $f(a)$

+1 Output is $f(a+1)$

+2 Output is $f(a+2)$

Cross in circle indicates argument accumulator is cleared after the operation.

Repeat switches (Number in box indicates switch setting)

Number in box is serial order number of operation.

Program input terminal for pulse to initiate operation of the function table.

Program output terminal for pulse which is given out when function table is ready to transmit the value of the function (three addition times are required for set-up)