In re application of I'm. F. Friedman and Frank R. Rovlett,
Div. 48, Room 5731 Serial No. 36,868, Filed Aug. 19, 1935, System for Randomizing the Relations of Electrical Circuits.

June 11, 1936.

Hon. Commassioner of Patents, Six:

Supplemental to emendment dated liay 22, 1936, it is desired to incorporate additional clams as follows:
18. A mechanism of the character described comprising a set of switching devices provided with movable contects for establishing antermattent carcuit connections; and maans, including slipping friction drive elements for varying the rate of movement of said devices in respect to the time interval between the successive operations of any given circuit.
19. A switching device comprising components provided with electrical contacts, said components being movably associated for establishing intermittent circuit connections; and means for varying the relative rate of movement of said componemts independently and difeerentially to change the time interval between circuit controliling operations of any given circuit.
20. A awitching mechanism comprising relatively movable components, provided with electrical contacts for establishing intermittent circuit connections; means for varying said comnections, including differential slpp-disk driving systems operable with each of said components for randomizang the intervals of time between successive operations of any given circuit.
21. $A$ switching mechanism comprising relatively movable components, provided with operatively associated contact elements, one of said components having its elements arranged in any order; and means for moting said components relative to each other whereby the time interval between the opening and closing operation of any given circuit is varied aperiodically.
22. A switching mechanism comprising rotatable components, each provided with operatively related contact elements, and one of said components having its contact elements electrically connected in a fortuitous order; and means for varying the relative rate of movement of said components for intermittently and aperiodically effecting the operation of any given circuit.
23. In a mechanism of the character described, complemental switching devices each provided with electrical contacts, one of aaid devices having its contacts spaced at irregular intervals with respect to each other and electrically interrelated for establishing a plurality of circuit connections; and means for independently and differentially operating said devices whereby the contacts are caused to effect circuit connections at varying time intervals.

## RIMLARKS


#### Abstract

An important object of this invention is to provide a means of selecting from a plurality of available electrical circuits a single circuit at random, which will be operative for a period of time, the length of the interval depending upon the variable factors such as introduced by the mechanism of the present invention. The claims presented at this time have been drafted with a view to defining this concept and are submitted to the end that they may be considered by the Examiner at the time this case is taken up for reconsideration in connection with the recent amendment.


Respectfully submitted,

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By:

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