(5) When contacts 79 open, the relay 158 is deenergized and contacts 159 and 160 will open, thereby deenergizing the driving motor 29.

When switch 30 is opened at any time after 280 degrees of the machine cycle, the machine will continue to operate until 354 degrees of the subsequent machine cycle and thereafter coast to a stop at 360 degrees, the clutch decoupling the drive shafts 35 and 37, as previously mentioned, since operating circuits will be maintained by the contacts 165 which close at 280 degrees to keep the relay coil 161 energized, even though the contacts 157 of switch 30 are open.

During the time the machine is running and when there is a record tape 20 properly positioned in the sensing unit, the magnets 86 will be energized in accordance with perforations in the record tape by the circuit—line conductor 155, rectifier 151, contacts 77 (closed by action of record tape against pin 76), contacts of spring blades 67 and 66, through contacts on blades 89 and 90 (for setting pins of the first column of a group 27 in a pin belt 26) or through contacts on blades 89 and 91 (for setting pins of the second column of a group 27 in a pin belt 26), magnets 86, contacts 160, contacts 162, line conductor 154.

While there have been shown and described and pointed out the fundamental novel features of the invention as applied to a preferred embodiment, it will be understood that various omissions and substitutions and changes in the form and details of the apparatus illustrated and in its operation may be made by those skilled in the art, without departing from the spirit of the invention. It is the intention, therefor, to be limited only as indicated by the scope of the following claims.

What is claimed is:

1. In a device of the class described, in combination, an endless flexible medium carrying a plurality of positionable pins adaptable to being set in combinations, a pin setting mechanism associated with said medium, a platform on which a portion of said medium is supported to permit physical inspection of said pins, a mechanism for restoring said pins to their original positions after being set, means for advancing said medium to present said pins successively to the said setting mechanism, to the said platform, and to the said restoring mechanism, and means coacting with the said setting mechanism to control the settings of the said pins.

2. The combination of a pin setting mechanism and a record sensing mechanism, means for advancing a record past said sensing mechanism, means for actuating the said setting mechanism in response to information sensed by the said sensing mechanism, an endless flexible medium carrying groups of movable pins adapted to be set in combinations, a pin restoring mechanism, means for advancing the said medium to present the said pins to the said setting medium and thereafter to the said restoring mechanism, and a platform between the said setting mechanism and the said restoring mechanism whereon the said medium is supported for physical inspection.

3. The invention set forth in claim 2 with the further inclusion of means for regulating the rate of advance of the said record and of the said medium.

4. The invention as set forth in claim 2 with the provision that the said medium is homogeneous.

5. The invention as set forth in claim 2 with the provision that the said medium consists of a pliable belt carrying a plurality of movable pins adapted to be set in combinations, said pins yieldably retained in holes in the said belt.

6. The invention as set forth in claim 2 with the provision that the said medium consists of an endless pliable belt having a plurality of holes, the diameter of each hole varying uniformly with its depth from a minimum diameter at its center of depth to a maximum diameter at each end, and a plurality of movable pins of a diameter substantially larger than the minimum hole diameter inserted in the said holes, the said pins being adapted to be set in combinations.

7. A flexible homogeneous medium containing a plurality of holes the diameter of each of which varies from a maximum at the ends of the hole to a minimum near the center of the hole, and a pin of a diameter substantially equal to the maximum diameter of the said hole inserted in each of the said holes, each of the said pins being positionable in its hole to protrude from either surface of the said medium upon the application of pressure to the end of said pin.

8. A flexible homogeneous medium containing a plurality of holes, and a plurality of movable pins inserted into the said holes, the said pins being adapted to be set in combinations and the said holes having a non-uniform bore so shaped to yieldably retain the said pins.

9. The invention as set forth in claim 8 with the provision that the said medium is a plastic.

10. A flexible medium preformed with a plurality of holes insertably to receive movable pins, the walls of the said holes being contoured for yieldably retaining said pins.

11. A flexible medium preformed with a plurality of holes insertably to receive movable pins, the said holes having a non-uniform bore so shaped to yieldably retain the said pins.

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