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(54) **AUTOMATIC ROTATION OF DIGIT LOCATION IN DEVICES USED IN PASSWORDS**

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(58) **Field of Search** 713/202, 184, 713/182; 380/25, 23, 4; 382/115, 125; 340/825

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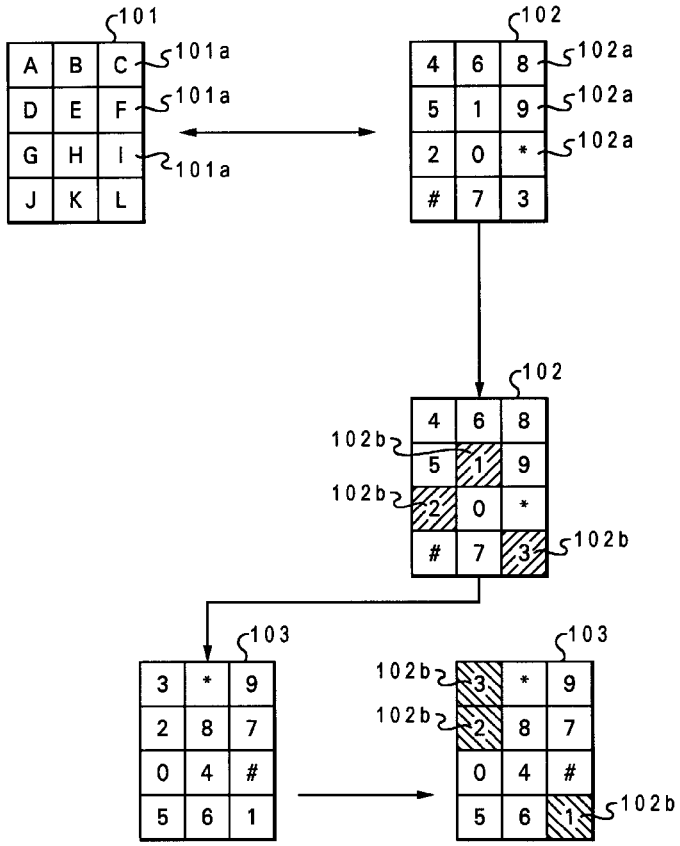
(57) **ABSTRACT**

A method for ensuring security of a system accessed utilizing a keypad wherein access is provided to said system via a security code entered on the keypad. A security code is entered on the keypad utilizing a first character configuration of the keypad. Following this, the location of one or more access characters on the keypad is repositioned to present a second character configuration of the keypad. The repositioning of the character configuration is completed electronically in a generally random manner. The change in configuration may take place immediately after each user interface, or after a predetermined number of user interfaces.

24 Claims, 3 Drawing Sheets