



- [54] **METHOD AND APPARATUS FOR MANAGING POWER CONSUMPTION OF A DIGITIZING PANEL**
- [75] Inventors: **Glen P. Koziuk; Mark S. Snyder**, both of Colorado Springs, Colo.
- [73] Assignee: **LSI Logic Corporation**, Milpitas, Calif.
- [21] Appl. No.: **08/902,146**
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- [51] Int. Cl.<sup>7</sup> ..... **G06F 1/32**
- [52] U.S. Cl. .... **713/320; 713/323; 713/340; 345/173**
- [58] Field of Search ..... **713/320, 323, 713/321, 340; 345/173**

5,396,443	3/1995	Mese et al. ....	364/707
5,423,045	6/1995	Kannan et al. ....	395/750
5,524,249	6/1996	Suboh ....	395/750
5,548,765	8/1996	Tsunoda et al. ....	395/750
5,553,296	9/1996	Forrest et al. ....	395/750
5,568,409	10/1996	Neoh ....	364/702
5,777,604	7/1998	Okajima et al. ....	345/173
5,790,875	8/1998	Andersin et al. ....	713/321

Primary Examiner—Xuan M. Thai

[57] **ABSTRACT**

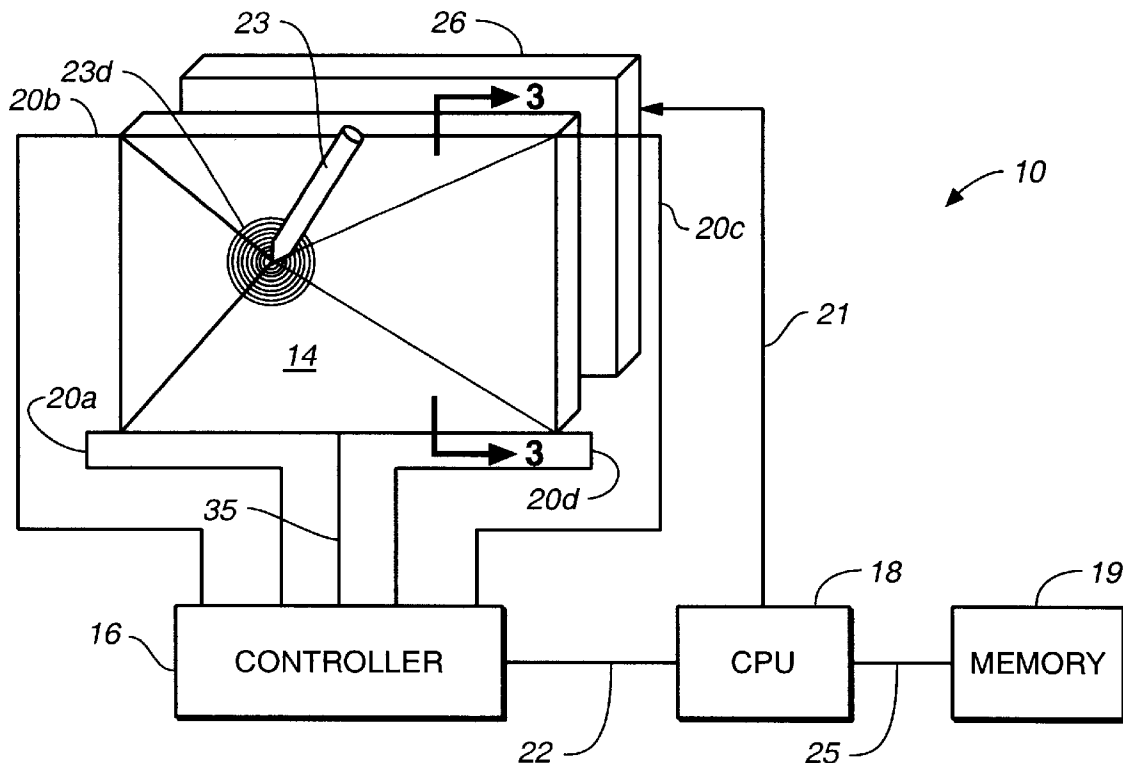
A method for managing power consumption of a digitizing panel includes the steps of: (a) applying a biasing voltage to the digitizing panel for a first period of time and ceasing to apply the biasing voltage to the digitizing panel for a second period of time; (b) determining whether a user has touched the digitizing panel during the first period of time; and (c) if the user has touched the digitizing panel during the first period of time, then applying a biasing voltage to the digitizing panel for a third period of time that is longer in duration than the first period of time and ceasing to apply the biasing voltage to the digitizing panel for a fourth period of time. An apparatus for implementing the method is also disclosed.

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,370,733	1/1983	Gaudio .....	711/220
4,787,040	11/1988	Ames et al. ....	701/1
4,972,496	11/1990	Sklarew .....	382/187
5,329,625	7/1994	Kannan et al. ....	395/275

25 Claims, 5 Drawing Sheets



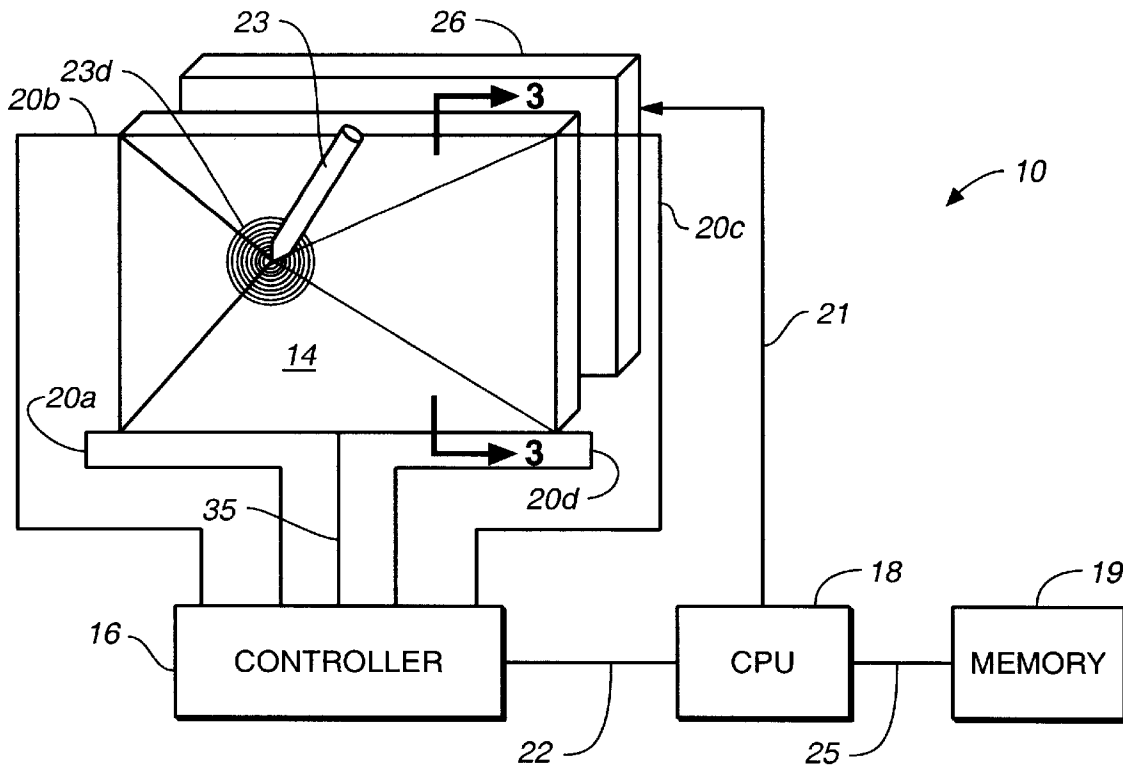


FIG. 1

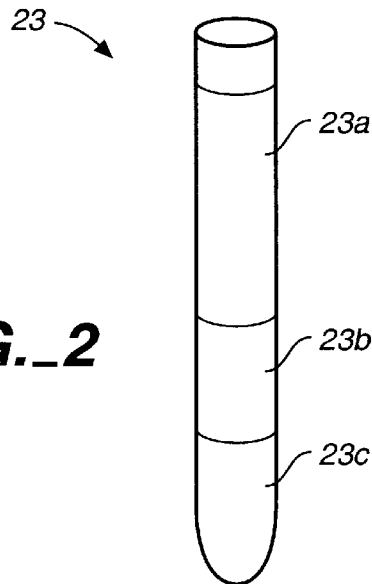


FIG. 2

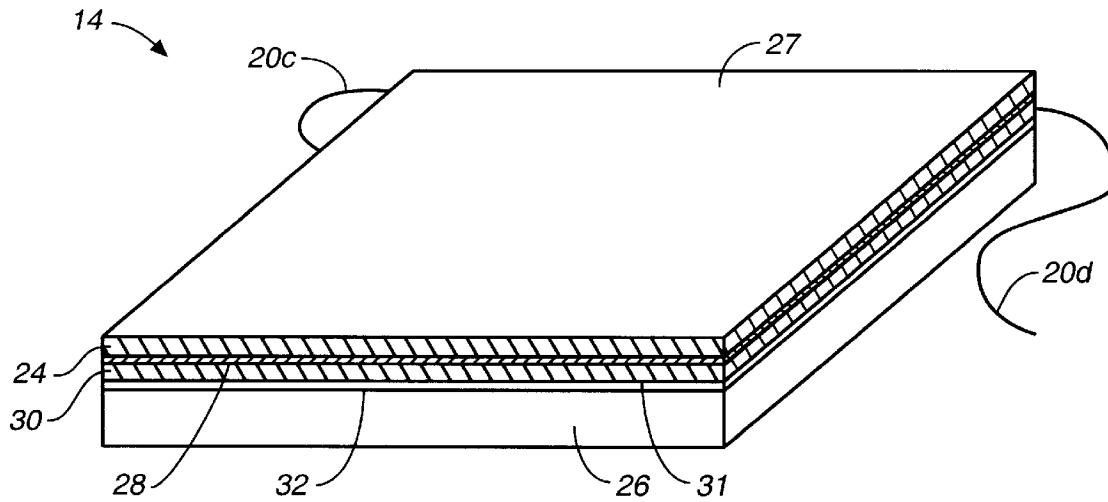


FIG.\_3

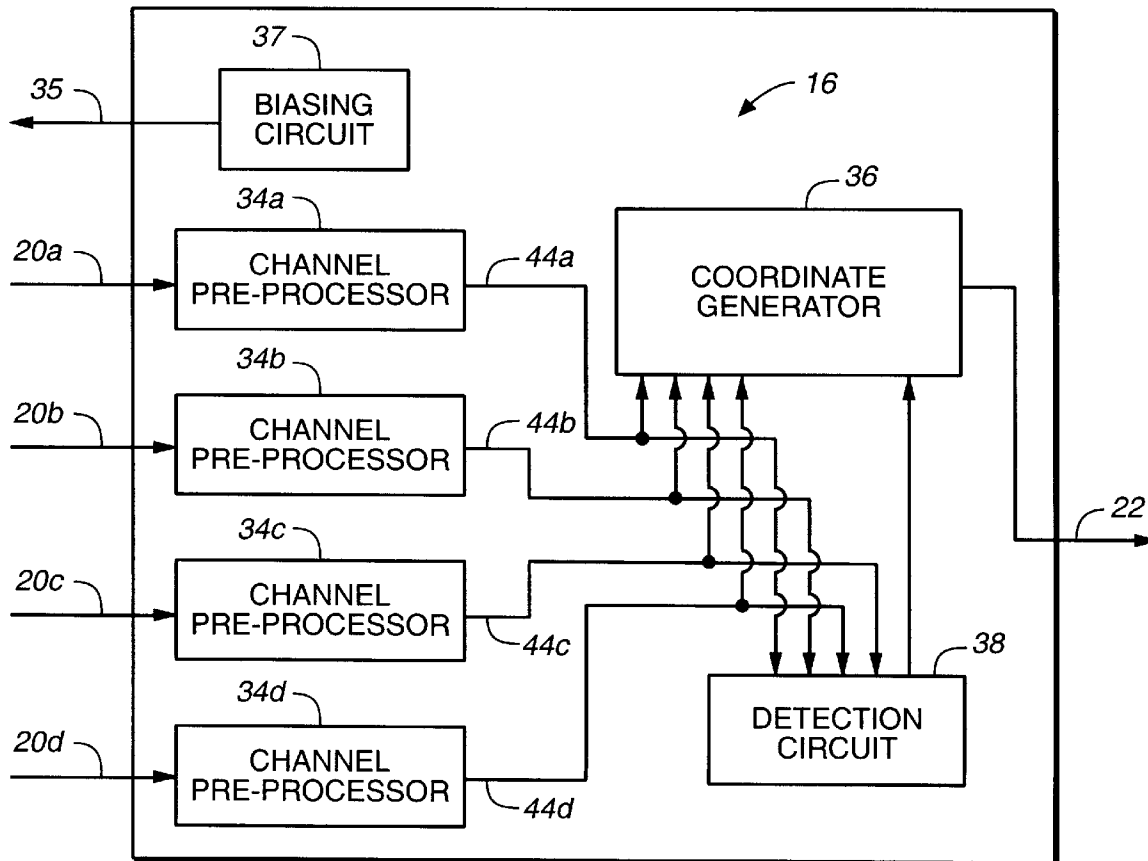
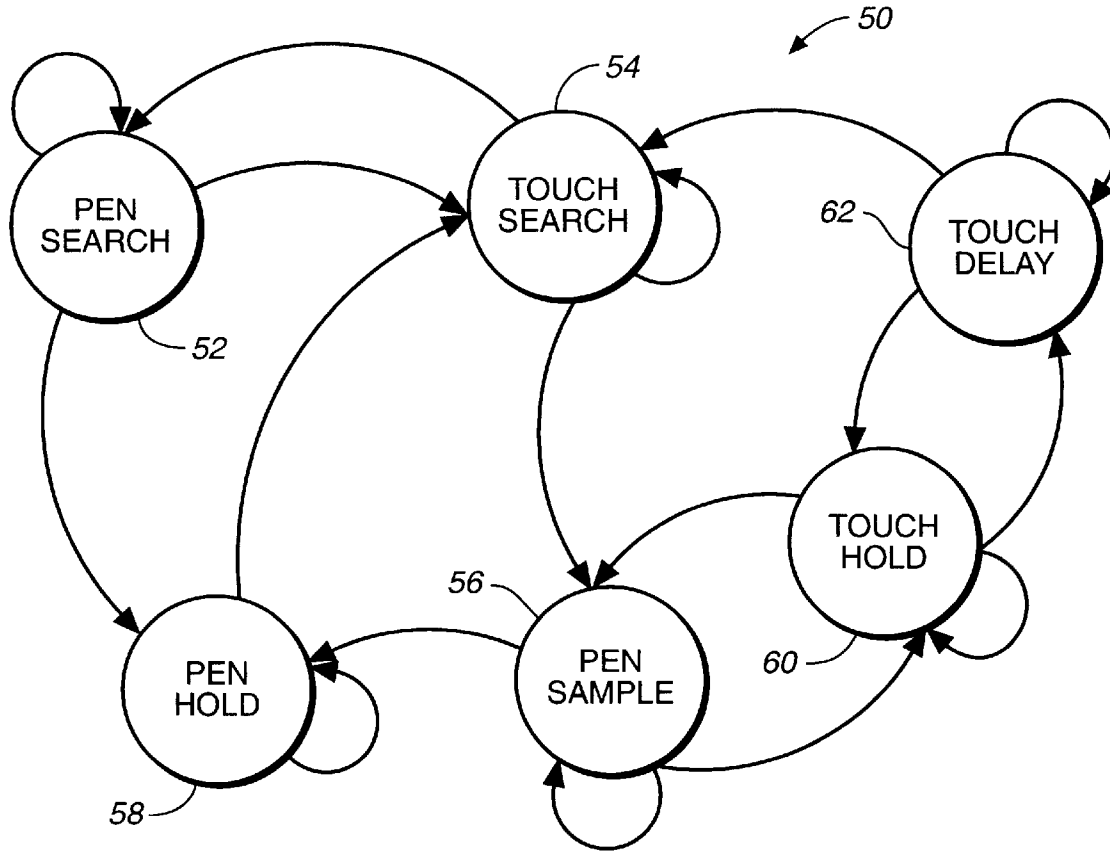


FIG.\_4



**FIG.\_5**

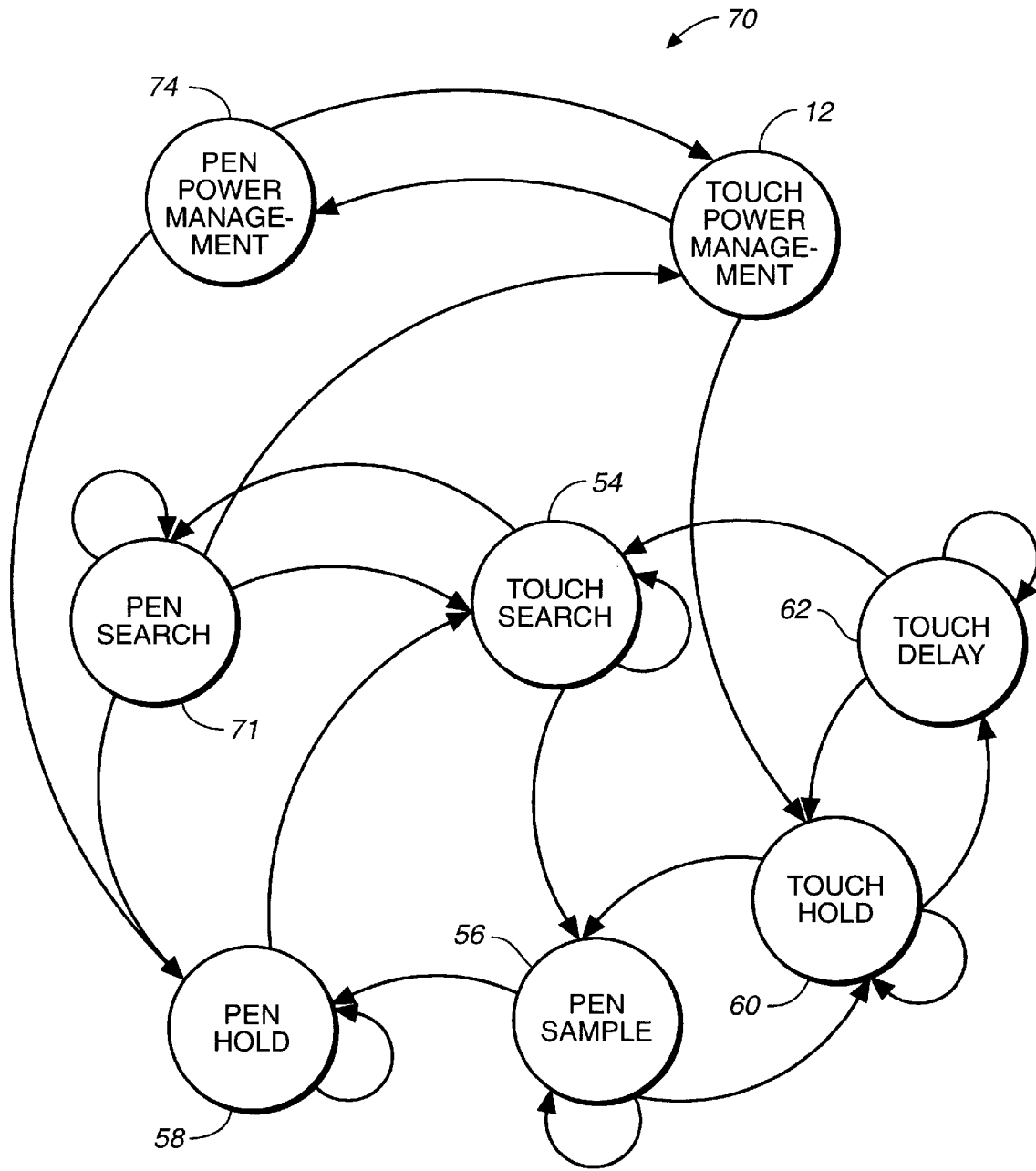


FIG.\_6

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