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# United States Patent [19]

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Tanaka

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## [54] INFORMATION PROCESSING APPARATUS FOR CONTROLLING WINDOW POSITIONS

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### [57] ABSTRACT

[73] Assignee: **Sony Corporation**, Tokyo, Japan

An information processing apparatus for controlling window positions comprising a pen for inputting coordinate information, a tablet for generating coordinate data based on coordinate information input by the pen onto the tablet, a display placed under the tablet in such a manner that an image on the display is visible through the tablet means, and first display control means for opening in a predetermined position a new window corresponding to the icon selected by a checking (pen down, pen up at a single icon location) operation of the pen. The apparatus also includes a second display control means for opening a new window in a desired position outside the icon area selected by a dragging operation of the pen, the dragging operation being executed by three actions. First, the pen is put down onto the icon in the icon area of the display means, the pen is dragged together with the icon to a desired position outside the icon area, and the pen is then lifted off the tablet.

[21] Appl. No.: **877,854**

[22] Filed: **May 4, 1992**

### [30] Foreign Application Priority Data

May 9, 1991 [JP] Japan ..... 3-133442

[51] Int. Cl.<sup>5</sup> ..... **G09G 1/100**; G09G 5/32

[52] U.S. Cl. .... **395/700**; 364/DIG. 2: 364/927.2; 364/927.6; 364/927.63; 364/927.64

[58] Field of Search ..... 395/700

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Primary Examiner—Gareth D. Shaw

3 Claims, 9 Drawing Sheets

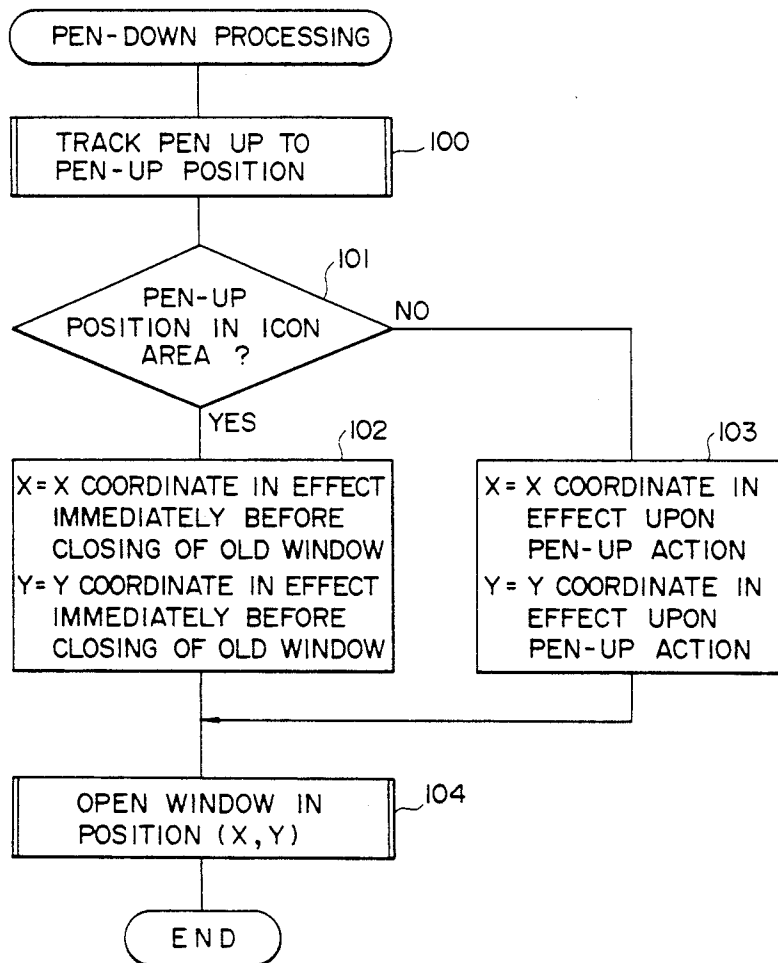


FIG. 1  
PRIOR ART

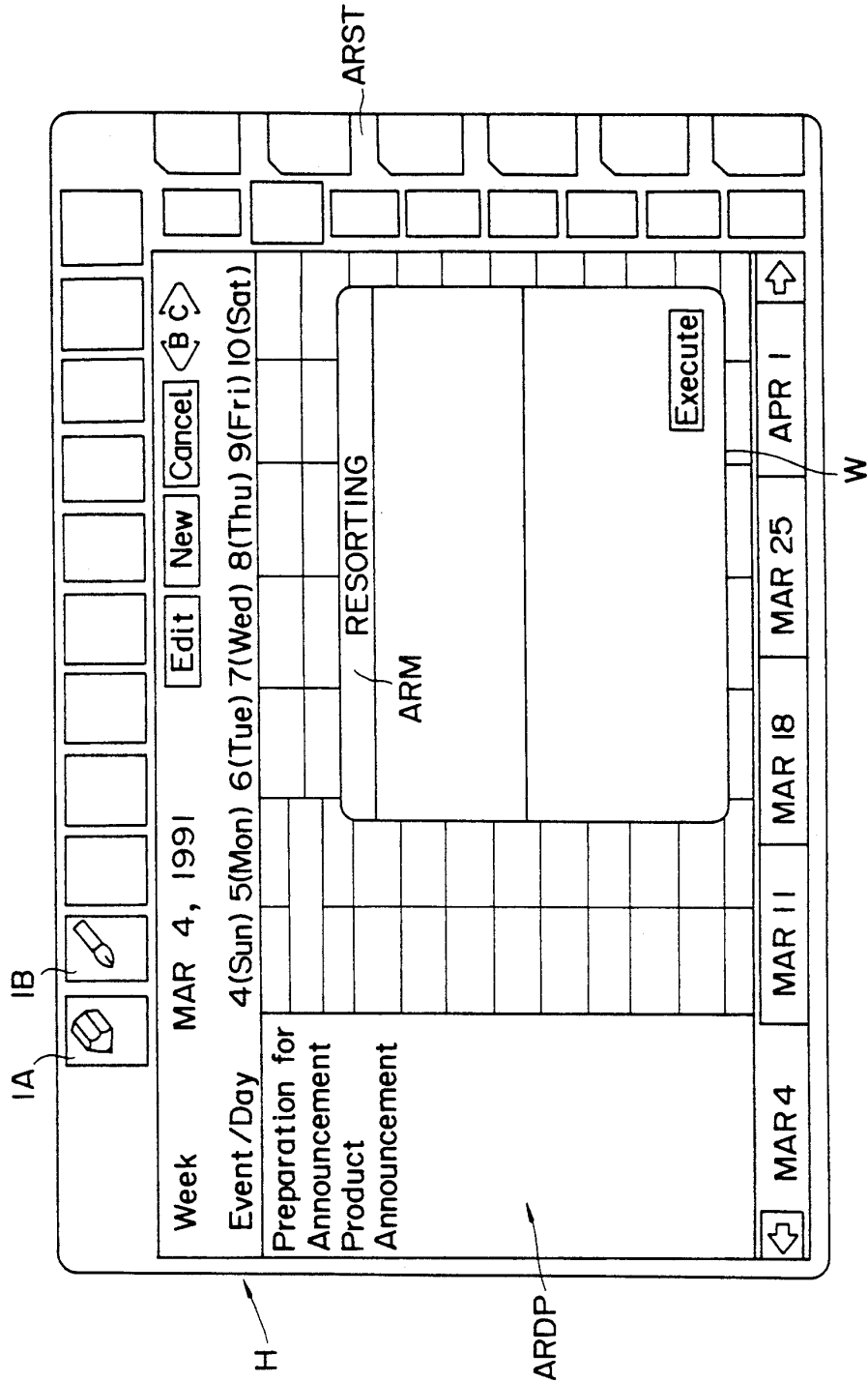


FIG. 2

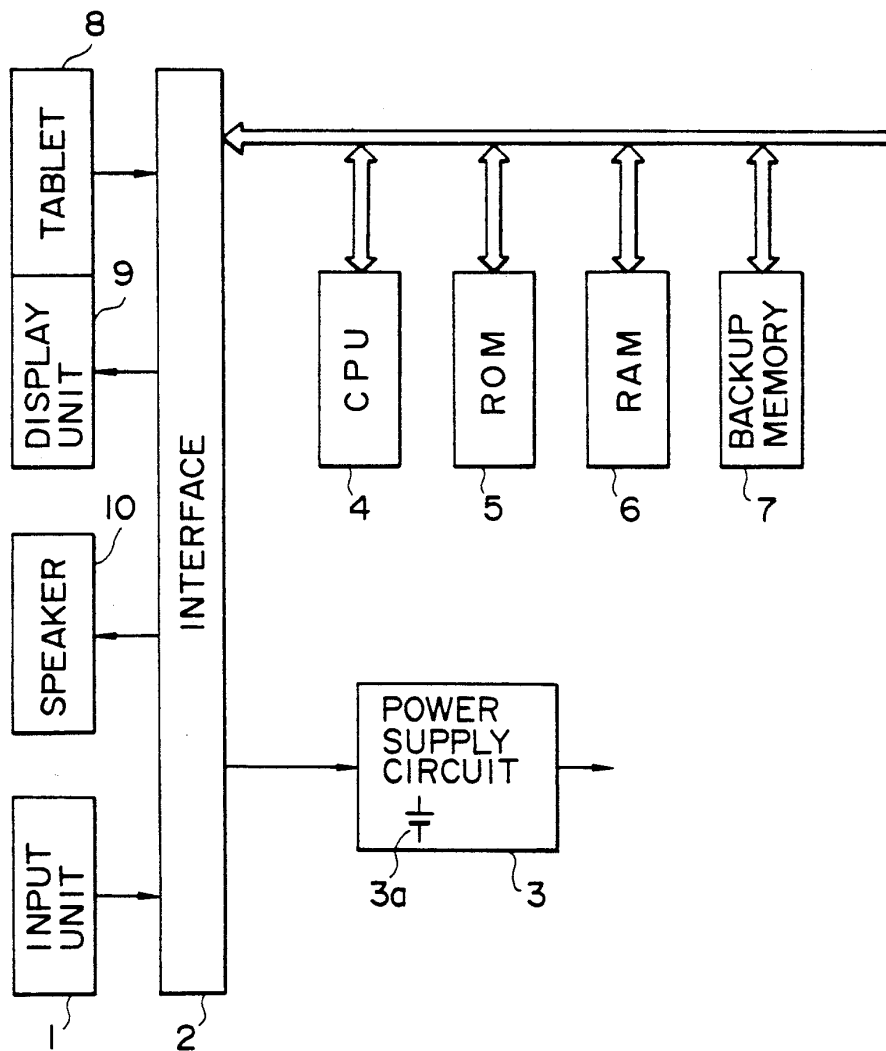


FIG. 3

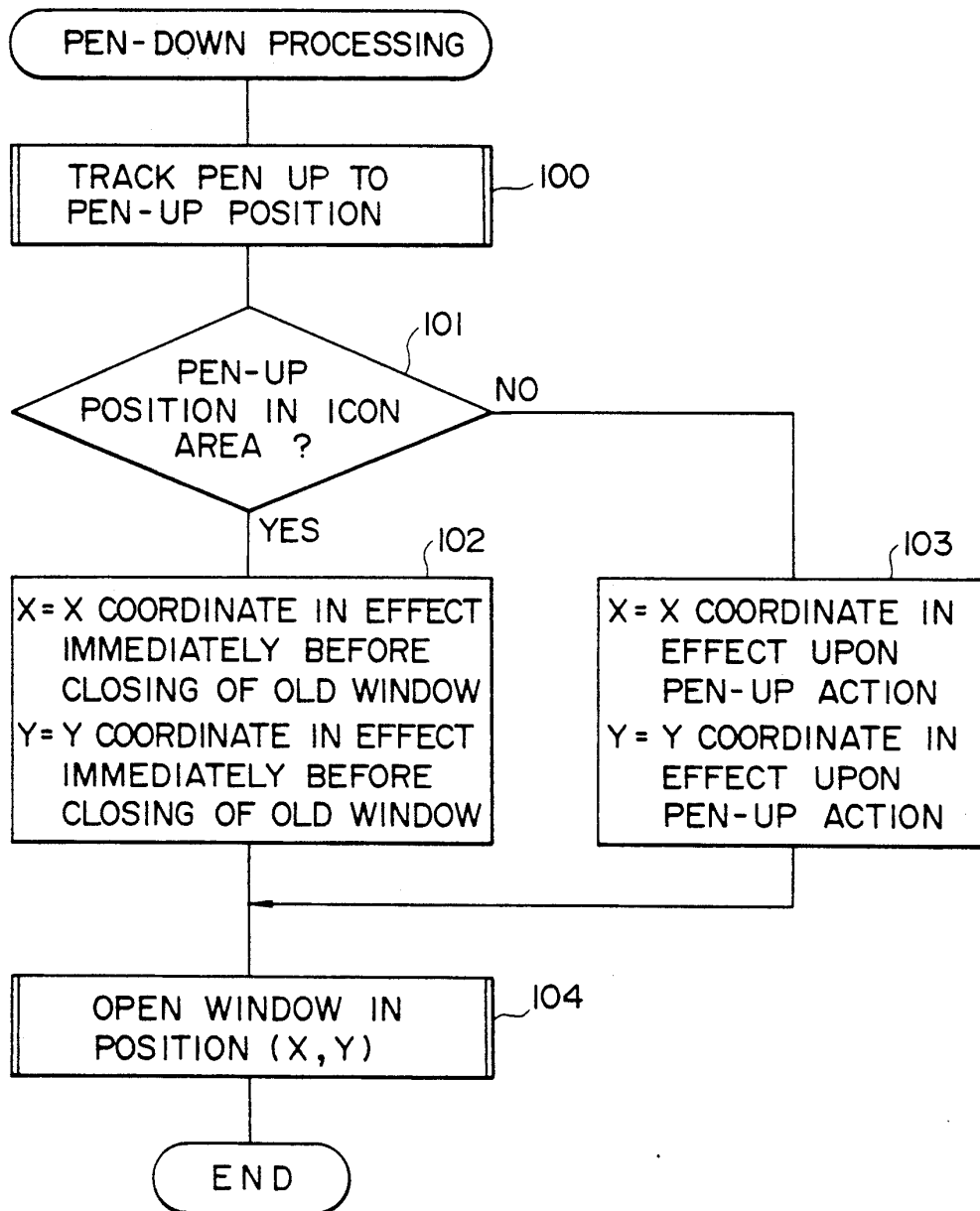
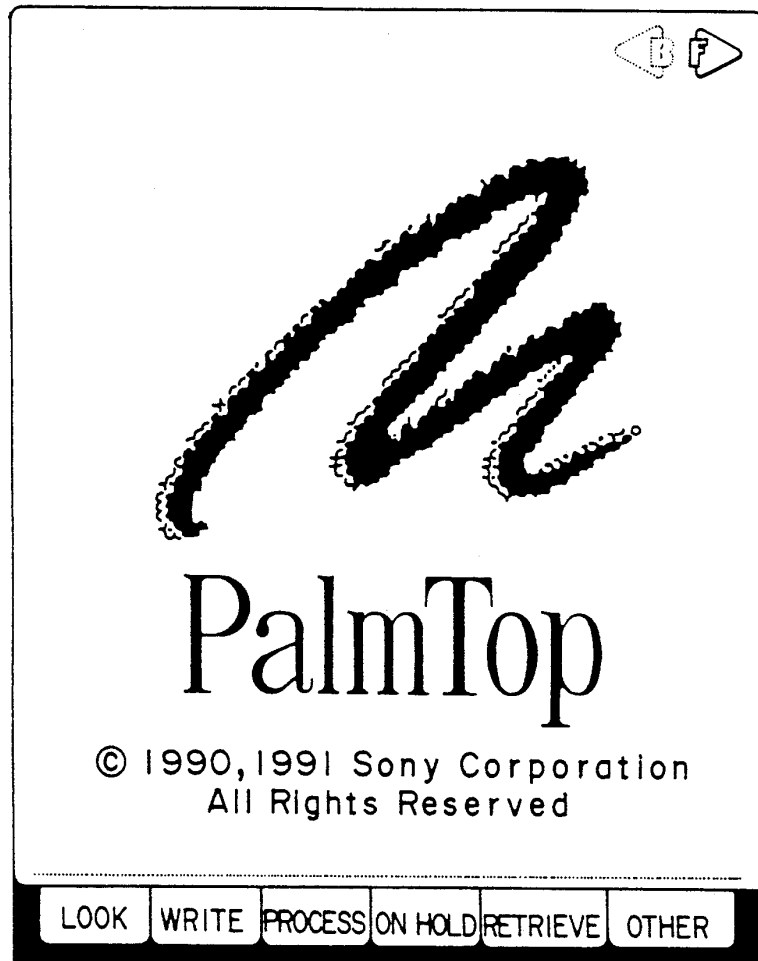


FIG. 4



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