



US005249296A

# United States Patent [19]

[11] Patent Number: **5,249,296**

Tanaka

[45] Date of Patent: **Sep. 28, 1993**

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

Assistant Examiner—A. Katbab  
Attorney, Agent, or Firm—Limbach & Limbach

[75] Inventor: **Hidekazu Tanaka**, Tokyo, Japan

### [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

### [56] References Cited

#### U.S. PATENT DOCUMENTS

4,899,136 2/1990 Beard et al. .... 340/706

#### FOREIGN PATENT DOCUMENTS

0457990A2 11/1991 European Pat. Off. .

WO89/11694 11/1989 PCT Int'l Appl. .

Primary Examiner—Gareth D. Shaw

3 Claims, 9 Drawing Sheets

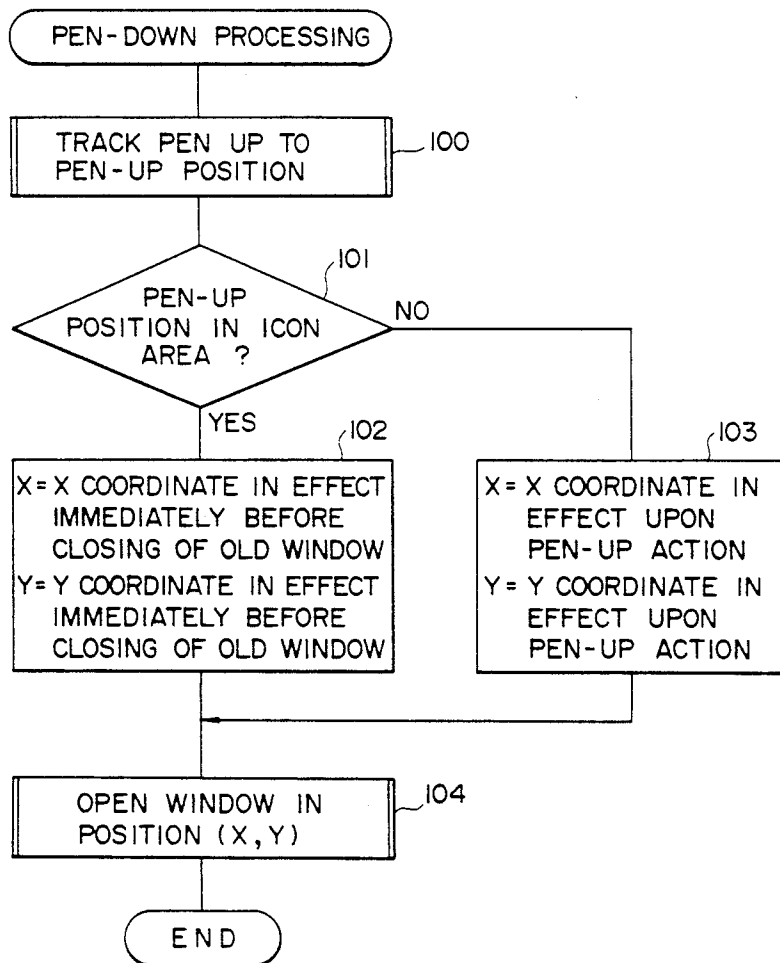


FIG. 1  
PRIOR ART

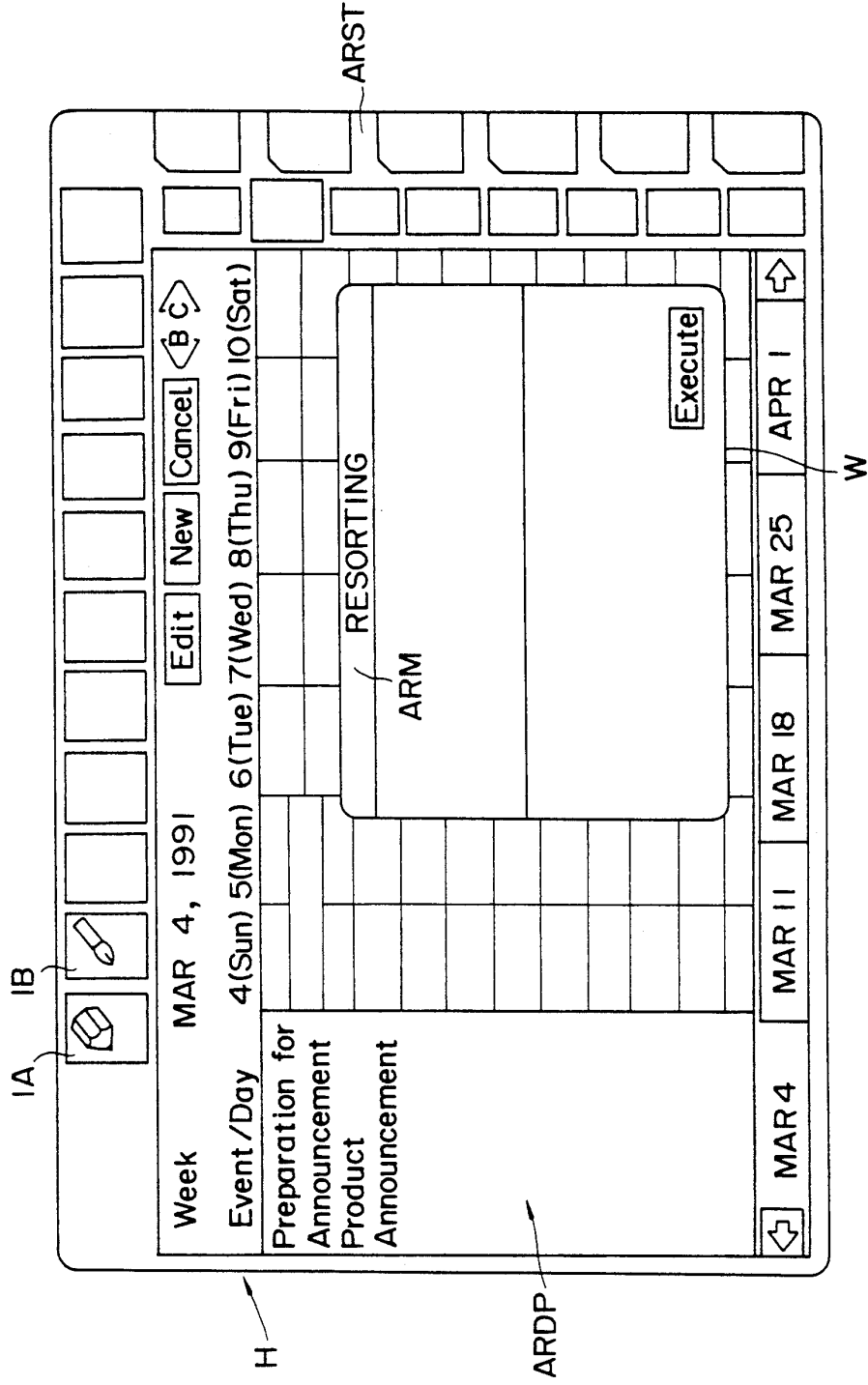


FIG. 2

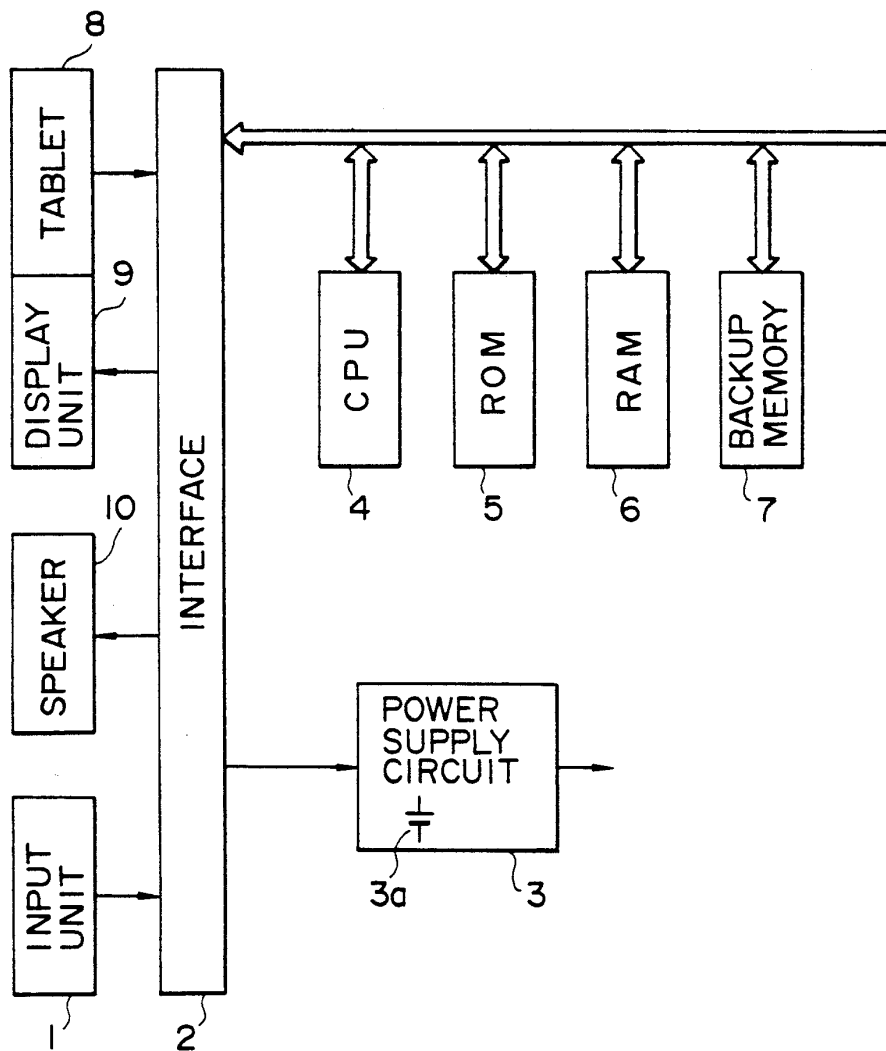


FIG. 3

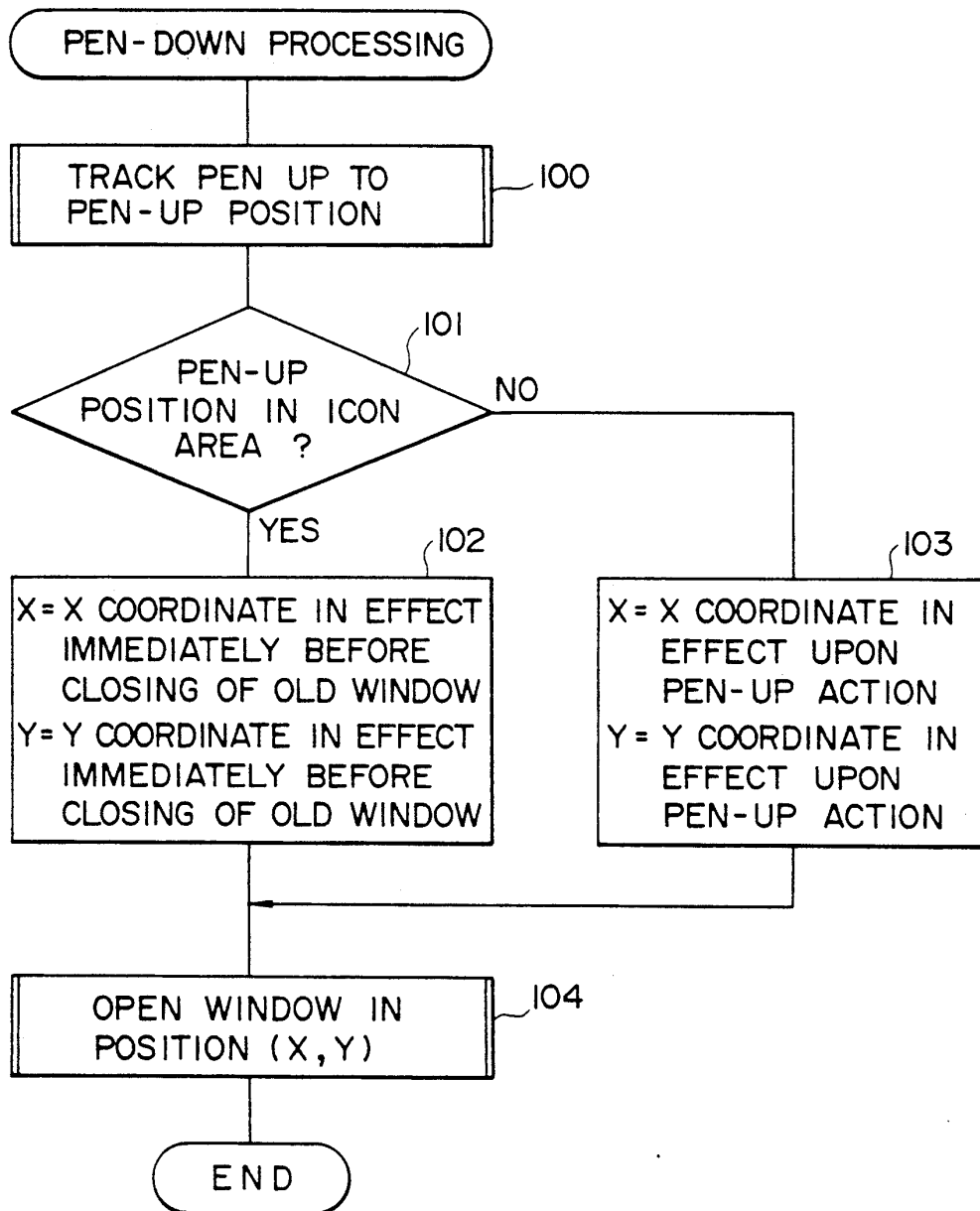
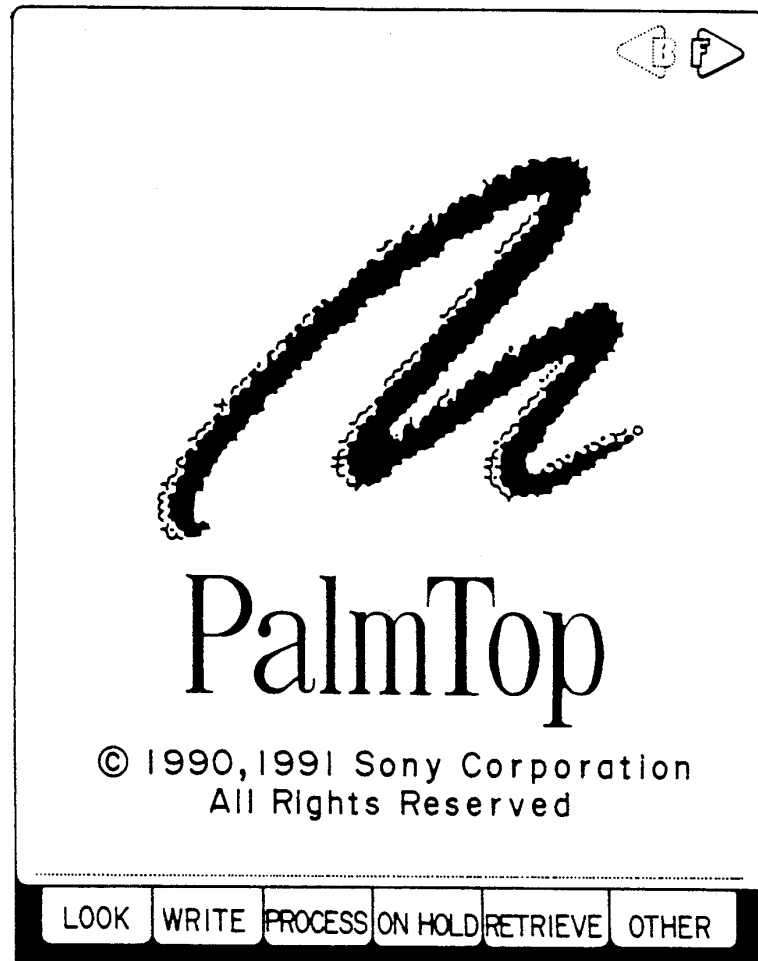


FIG. 4



# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.