

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0021643 A1**

Hoshino et al.

(43) **Pub. Date:**

Feb. 5, 2004

(54) **DISPLAY UNIT WITH TOUCH PANEL AND INFORMATION PROCESSING METHOD**

Publication Classification

(76) Inventors: **Takeshi Hoshino**, Kodaira (JP);
Takeshi Minemoto, Kawasaki (JP);
Yujin Tsukada, Tokyo (JP)

(51) **Int. Cl.⁷** **G09G 5/00**
(52) **U.S. Cl.** **345/173**

Correspondence Address:
MATTINGLY, STANGER & MALUR, P.C.
1800 DIAGONAL ROAD
SUITE 370
ALEXANDRIA, VA 22314 (US)

(57) **ABSTRACT**

A display unit with a touch panel to move a touch-driven member such as a functional button to a desired position through a touch operation. By touching a draggable icon displayed on a screen with a finger, the icon is changed in color to indicate that the user can drag the icon. Then, by pushing the icon, the icon is changed in size and color to indicate that the user can drag the icon. As by reducing the pushing force to touch on the icon, and moving the finger, the icon is dragged following the finger. As by pushing the icon with the finger at a predetermined position, the icon is set at this position and changed in size and color. When releasing the finger from the icon, the icon is settled at this position.

(21) Appl. No.: **10/230,100**

(22) Filed: **Aug. 29, 2002**

(30) **Foreign Application Priority Data**

Aug. 2, 2002 (JP) 2002-226131

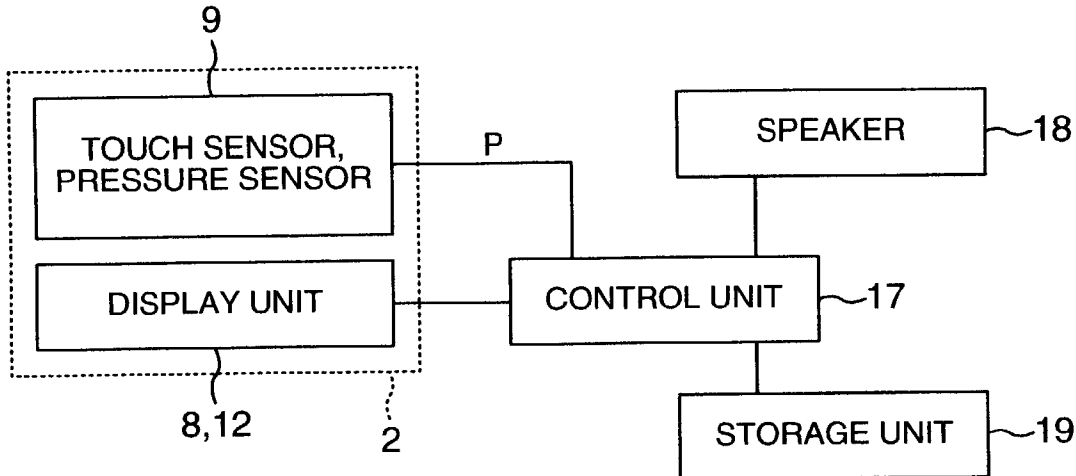


FIG. 1A

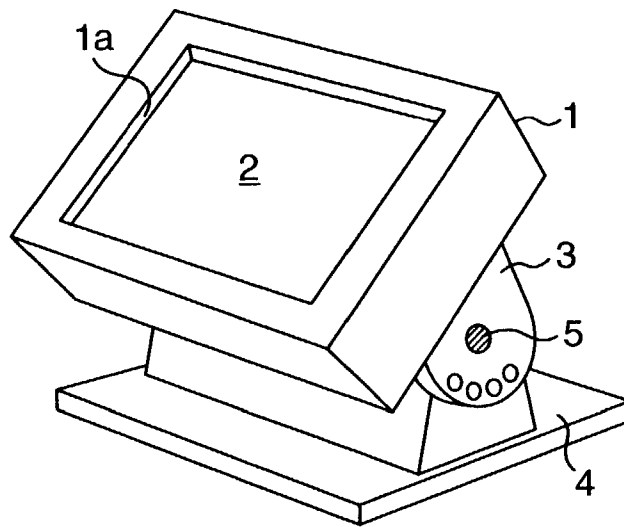


FIG. 1B

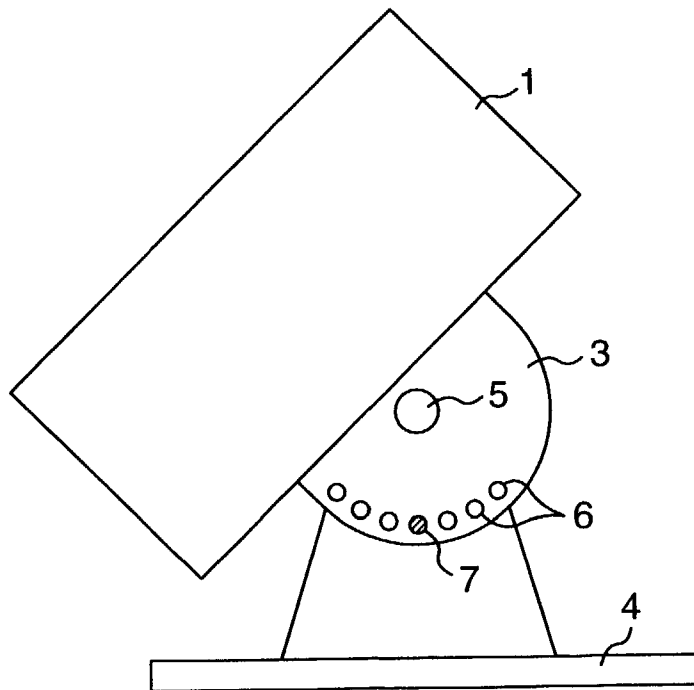


FIG. 1C

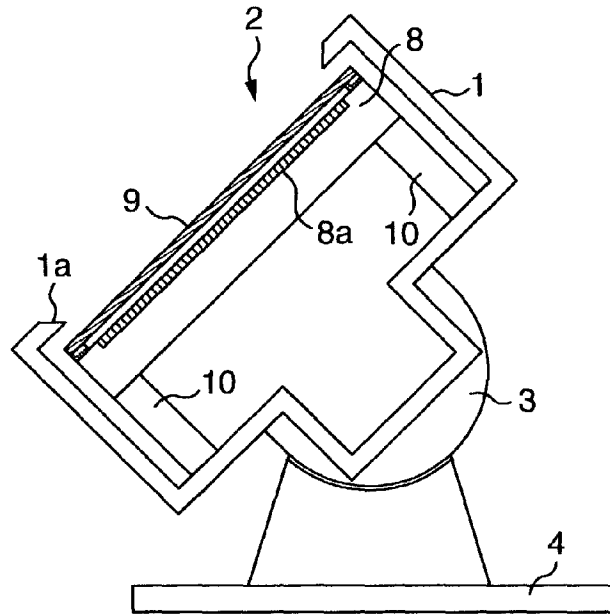


FIG. 2A

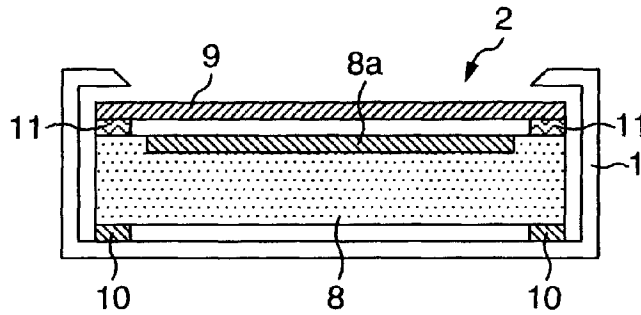


FIG. 2B

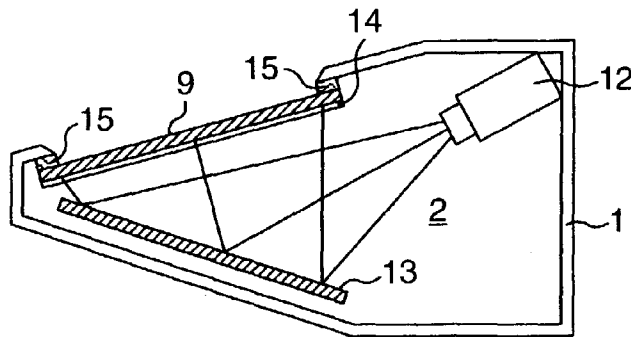


FIG. 3A

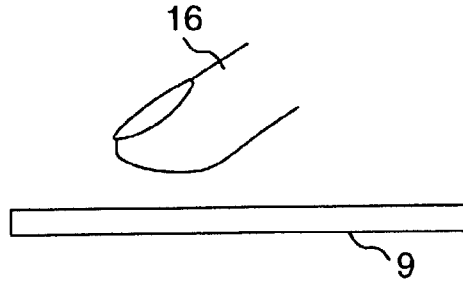


FIG. 3B

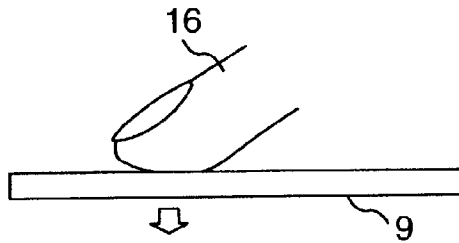


FIG. 3C

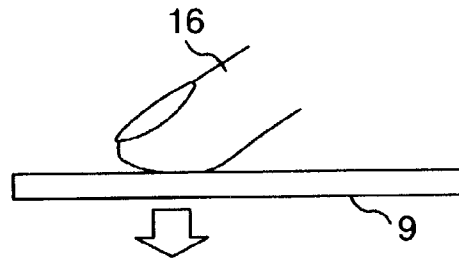


FIG. 4

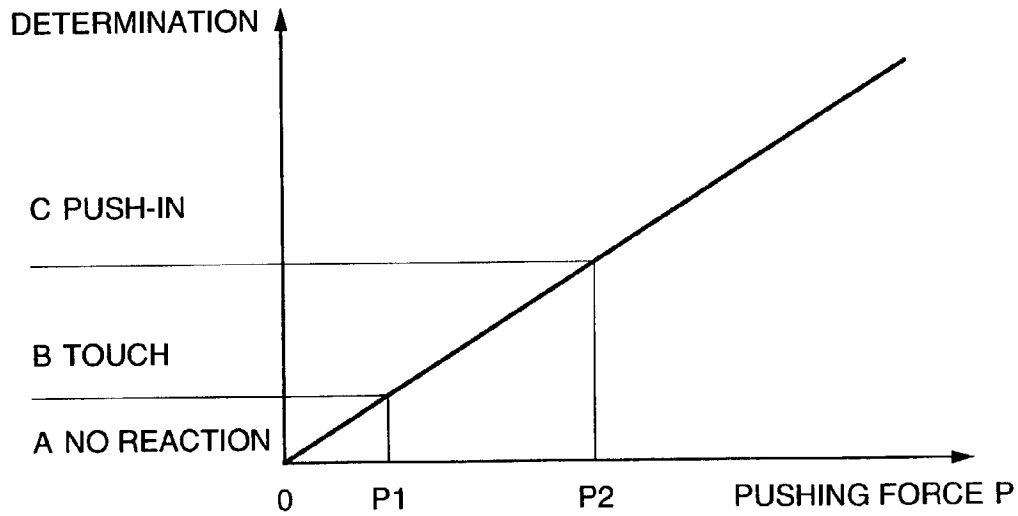


FIG. 5A

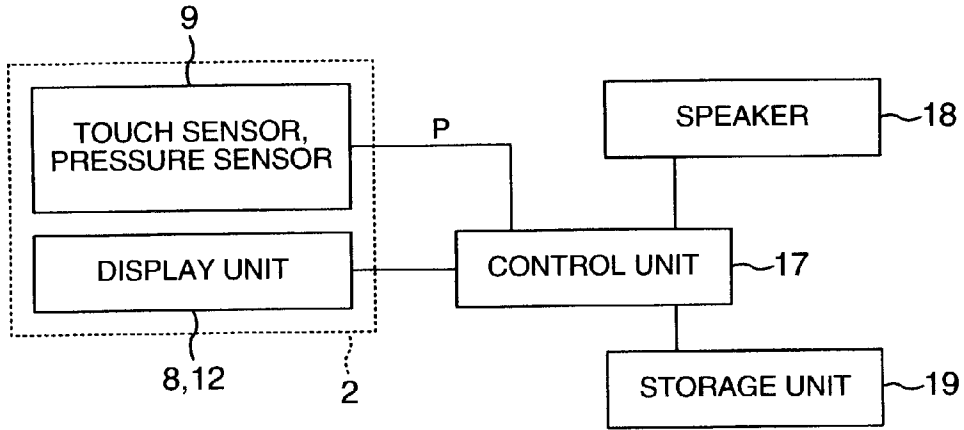
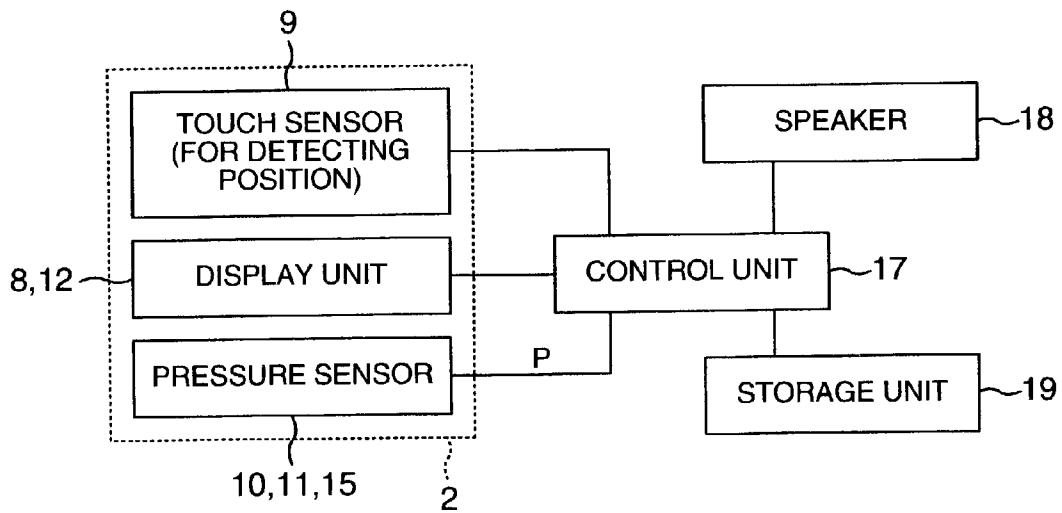


FIG. 5B



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.