

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2011/0175835 A1 Wang

Jul. 21, 2011 (43) **Pub. Date:**

(54) METHOD FOR SCANNING PROJECTIVE CAPACITIVE TOUCH PANEL, STORAGE MEDIUM AND APPARATUS FOR SCANNING PROJECTIVE CAPACITIVE TOUCH PANEL

(75) Inventor: Wanqiu Wang, Singapore (SG)

(73) Assignee: TPK TOUCH SOLUTIONS

(XIAMEN) INC

(21) Appl. No.: 13/009,847

(22)Filed: Jan. 19, 2011

(30)Foreign Application Priority Data

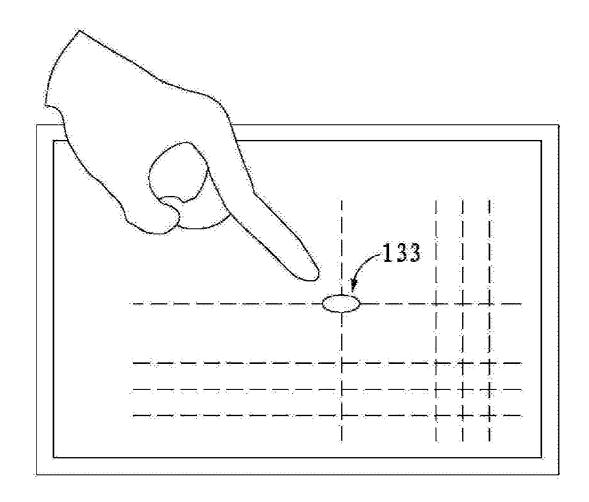
Jan. 21, 2010 (CN) 201010103956.6

Publication Classification

(51) **Int. Cl.** G06F 3/041 (2006.01)(52)

(57) **ABSTRACT**

The present invention relates to a method for scanning a projective capacitive touch panel including: A. scanning each first-axis electrode arranged along a first-axis and each second-axis electrode arranged along a second-axis, then obtaining the first-axis electrode and the second-axis electrode whose self capacitance changes; B. detecting the mutual capacitance at each intersection between the first-axis electrode and the second-axis electrode whose self capacitance changes to determine whether the mutual capacitance changes, then the area where the mutual capacitance changes being taken as a touched area. The present invention also relates to a storage medium storing instructions of implementing above method and an apparatus that implements the above method.





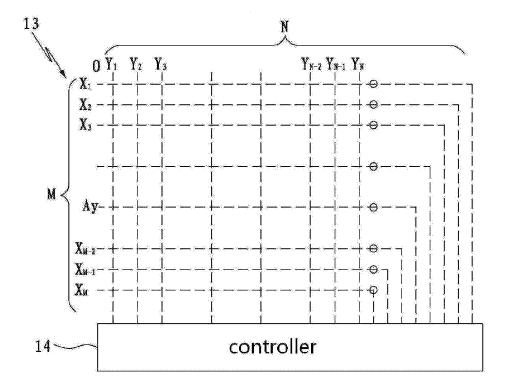


FIG. 1

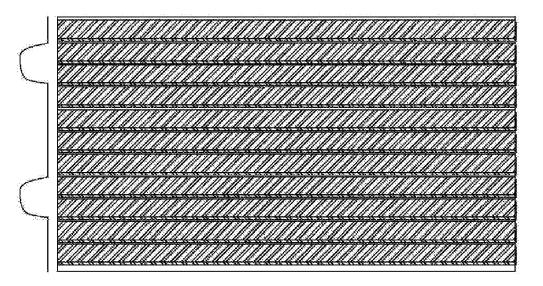


FIG. 2

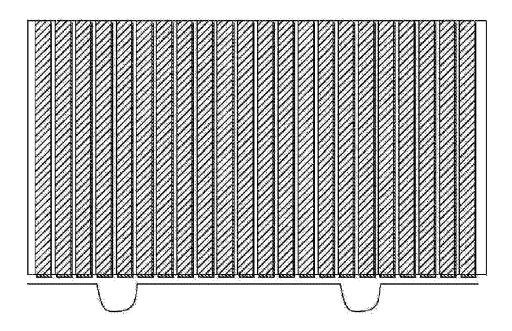


FIG. 3



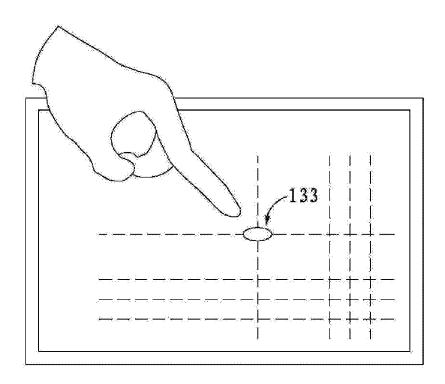


FIG. 4

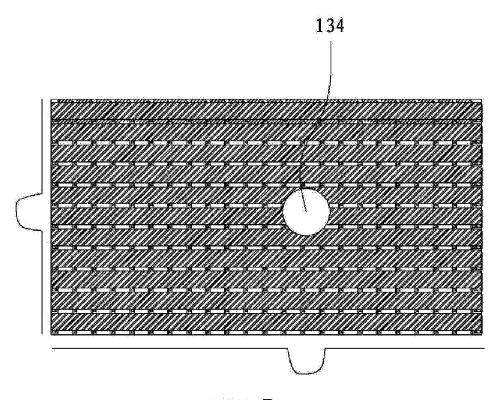


FIG. 5



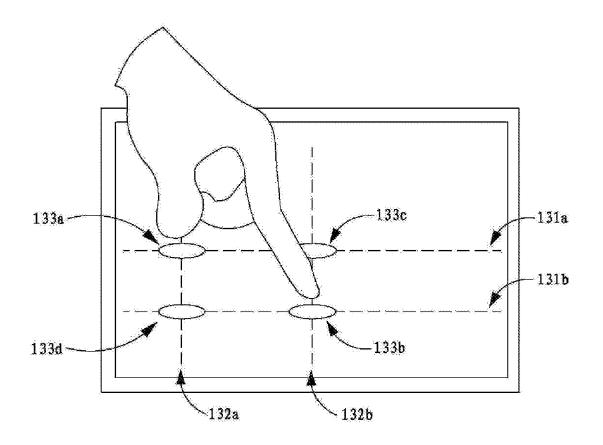


FIG. 6

DOCKET A L A R M

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.

