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### (54) **DETECTOR AND DETECTION METHOD** FOR A CAPACITIVE TOUCHPAD TO IDENTIFY A REAL TOUCH POINT

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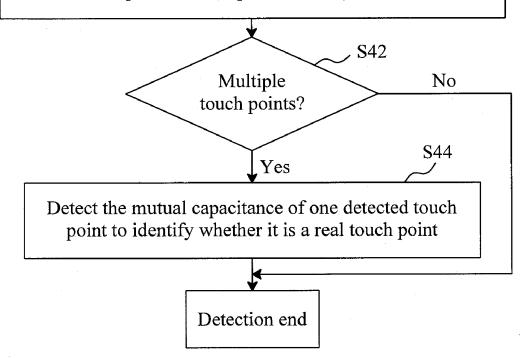
(2006.01)

(57)ABSTRACT

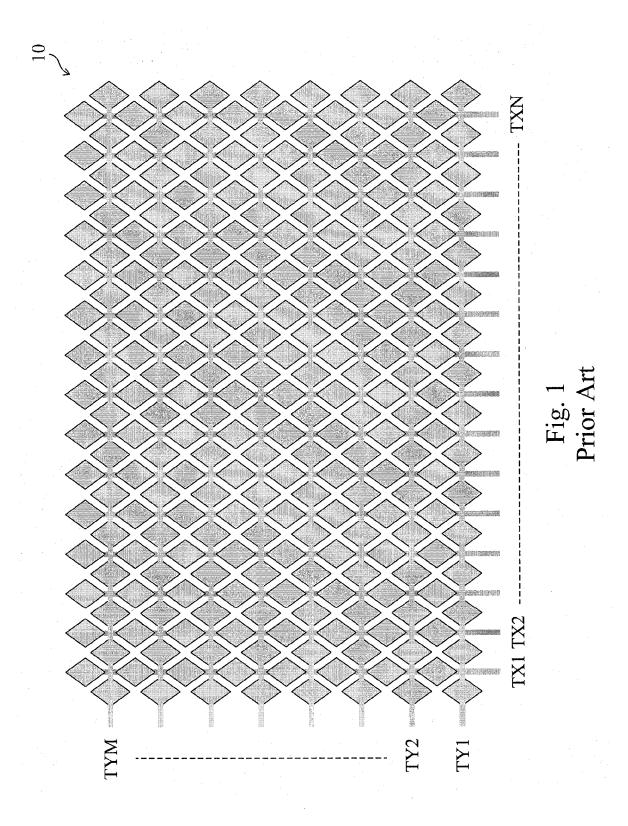
A two-step detection for a capacitive touchpad to identify a real touch point first detects the self capacitances from multiple capacitance sensor traces of the capacitive touchpad to identify any touch point on the capacitive touchpad and then, if multiple touch points are detected, further detects the mutual capacitance at one of the detected touch points to identify whether it is a real touch point.

Detect the self capacitances from multiple capacitance sensor traces of a capacitive touchpad to identify any touch point

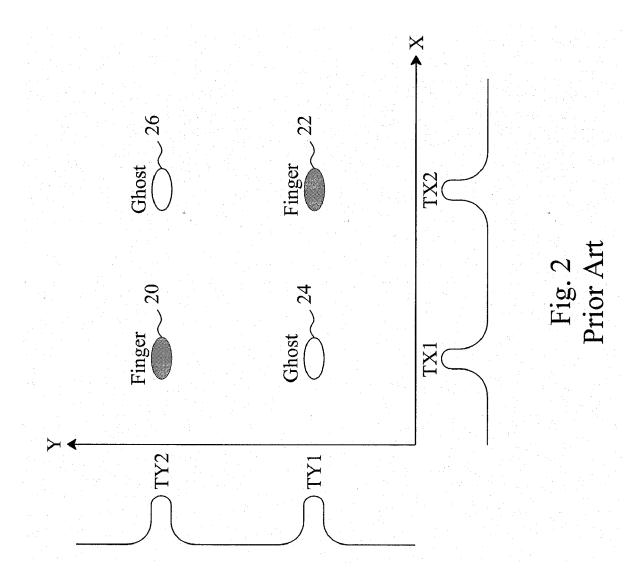
S40











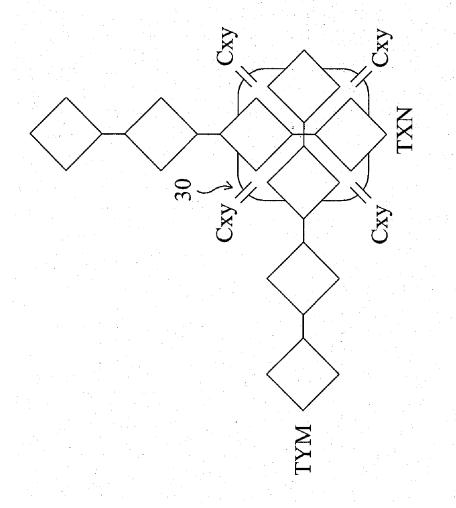
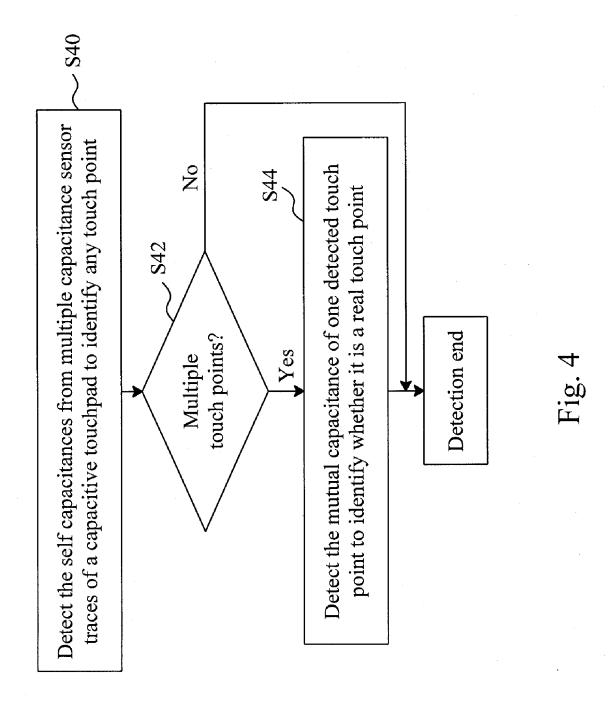


Fig. 5 Prior Art



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