



(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0234769 A1**

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(43) **Pub. Date: Dec. 25, 2003**

(54) **TOUCH SENSOR**

Publication Classification

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

(57) **ABSTRACT**

A touch sensing method and a touch sensing device are described for sensing a location of a touch. When the touch sensing device is touched, a first conductive layer disposed on a supporting layer is deflected toward a second conductive layer. The touch location is determined by sensing the change in capacitance at the location of the touch. A change in capacitance at the touch location is sensed by driving one of the conductive layers with an electrical signal referenced to the other conductive layer and measuring the current flow between the conductive layers. The sensed change in capacitance is greater than a change in the external capacitance of the touch sensor.

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(21) Appl. No.: **10/183,876**

(22) Filed: **Jun. 25, 2002**

