US009329703B2

(12) **United States Patent**
Falkenburg et al.

(10) **Patent No.: US 9,329,703 B2**
(45) **Date of Patent: May 3, 2016**

(54) **INTELLIGENT STYLUS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 341 days.

(21) Appl. No.: **13/166,711**

(22) Filed: **Jun. 22, 2011**

(65) **Prior Publication Data**

US 2012/0331546 A1 Dec. 27, 2012

(51) **Int. Cl.**
G06F 3/0354 (2013.01)
G06F 21/83 (2013.01)
G06F 21/36 (2013.01)

(52) **U.S. Cl.**
CPC ***G06F 3/03545*** (2013.01); ***G06F 21/36*** (2013.01); ***G06F 21/83*** (2013.01)

(58) **Field of Classification Search**
USPC 345/179; 726/16; 702/50
See application file for complete search history.

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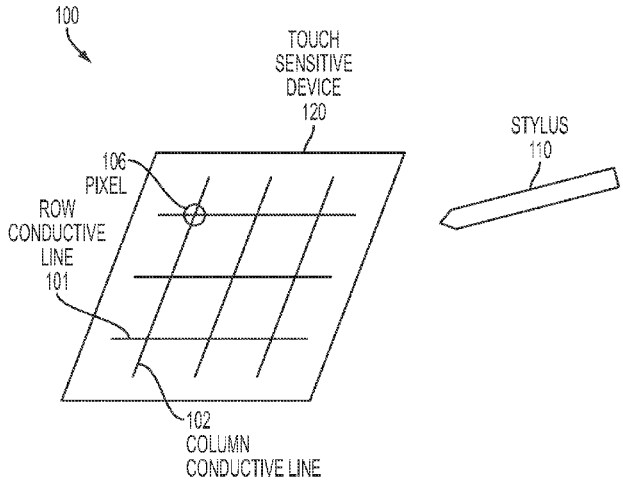
(57) **ABSTRACT**

An intelligent stylus is disclosed. The stylus can provide a stylus condition in addition to a touch input. The stylus architecture can include multiple sensors to sense information indicative of the stylus condition, a microcontroller to determine the stylus condition based on the sensed information, and a transmitter to transmit the determined condition to a corresponding touch sensitive device so as to cause some action based on the condition.

20 Claims, 11 Drawing Sheets