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(54) SENSOR ARRANGEMENT FOR USE WITH A TOUCH SENSOR

(75) Inventors: **Wayne Westerman**, Wellington, MO (US); **John G. Elias**, Townsend, DE (US)

Correspondence Address:
APPLE C/O MORRISON AND FOERSTER ,LLP
LOS ANGELES
555 WEST FIFTH STREET SUITE 3500
LOS ANGELES, CA 90013-1024

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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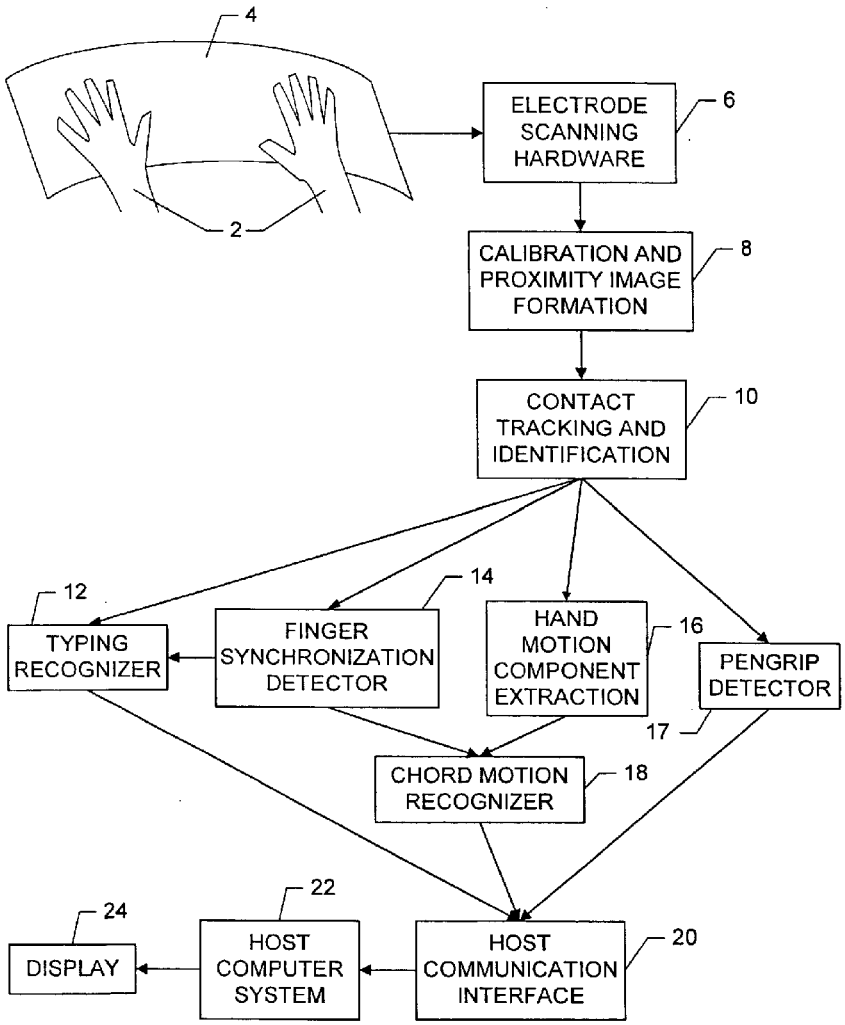
(57) **ABSTRACT**

Apparatus and methods are disclosed for simultaneously tracking multiple finger and palm contacts as hands approach, touch, and slide across a proximity-sensing, multi-touch surface. Identification and classification of intuitive hand configurations and motions enables unprecedented integration of typing, resting, pointing, scrolling, 3D manipulation, and handwriting into a versatile, ergonomic computer input device.