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(54) **TOUCH SENSITIVE MEMBRANE**

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(75) Inventors: **D. Robert Inkster**, Victoria (CA);  
**David M. Lokhorst**, Victoria (CA)

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Correspondence Address:

**OYEN, WIGGS, GREEN & MUTALA LLP**  
**480 - THE STATION**  
**601 WEST CORDOVA STREET**  
**VANCOUVER, BC V6B 1G1 (CA)**

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(57) **ABSTRACT**

(73) Assignee: **Tactex Controls Inc.**, Victoria (CA)

An input device has a flexible surface on which are formed deflection sensors. The flexible surface can be deformed against an adjacent resilient layer. The deflection sensors detect the deflection of the surface. Electronic circuits for processing signals from the deflection sensors to yield information regarding the locations and magnitudes of forces deflecting the surface may be deposited all, or in part on the flexible surface. The input device may be combined with a display to yield a touch-sensitive display suitable for use in a wide range of applications.

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**Related U.S. Application Data**

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