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(54) **FLEXIBLE MULTI-TOUCH SCREEN**

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(76) Inventor: **Tung Wan Cheng**, Hong Kong (HK)

(57) **ABSTRACT**

Correspondence Address:
TUNG WAN, CHENG
100 TAIPEI GENERAL POST OFFICE MAIL-BOX NO. 1713
TAIPEI

A method, apparatus, and system of flexible multi-touch touch are provided. The invention comprising: a flexible layer; and one or more sensors configured to detect a plurality of simultaneous touching positions at distinct locations of the layer and to generate distinct signals representative of the locations for each of the touches. And a method for flexible touch panel comprising: driving one or more sensors; and detecting a plurality of simultaneous touching positions at distinct locations of a touch panel, wherein the touch panel comprising a flexible property. The invention is also directed towards a flexible multi-touch screen device, comprising: a display as user interface; and a multi-touch panel with flexible property to combine with the display configured to detect a plurality of simultaneous touching positions at distinct locations of the multi-touch panel.

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