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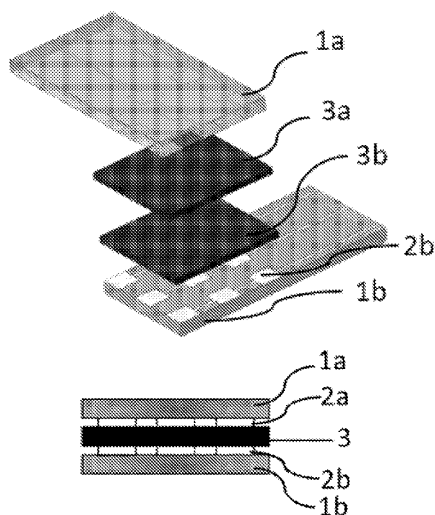
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(54) Title: AN ULTRA-LOW COST, WIDE RANGE, CROSS-TALK FREE, NEAR HUMAN SKIN SENSITIVITY FINGERTIP TACTILE SENSOR

FIG. 2A



(57) Abstract: Herein disclosed is a flexible pressure sensor comprising: a first flexible layer; a second flexible layer; one or more pressure sensitive layers; wherein each of the first flexible layer and the second flexible layer comprises electrodes spaced apart at a distance sufficient to minimize cross-talk, wherein the first flexible layer and the second flexible layer are arranged to have the electrodes of the first flexible layer correspond in position with the electrodes of the second flexible layer; and wherein the one or more pressure sensitive layers are configured between the first flexible layer and the second flexible layer, and in contact with the electrodes of both the first flexible layer and the second flexible layer. A method of forming the flexible pressure sensor and a device comprising the flexible pressure sensor are also disclosed.

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