ABSTRACT OF THE DISCLOSURE

A method of fabricating a flexible strain-sensitive pressure sensor, including the steps of:

depositing an elastomer material in liquid form on a substrate;

depositing a granular substance on the elastomer material;

curing the elastomer material and removing the granular substance to thereby form a textured elastomer layer having a textured surface;

depositing a graphite-based piezoresistive layer over the textured surface of the textured elastomer layer; and

overlaying a substrate supporting one or more electrodes therein.

Fig. 3