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(54) Title: SURFACE CAPABLE OF DETECTING LIQUID AND METHOD OF DETECTING LIQUID ON A SURFACE

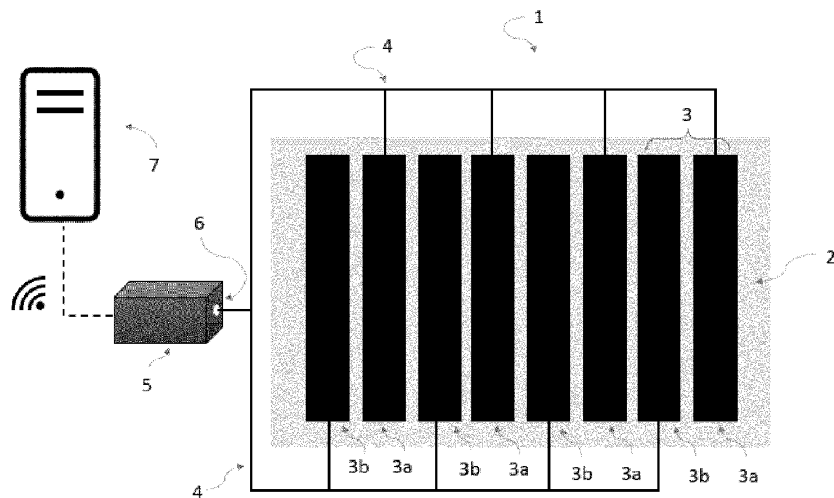


Figure 1

(57) Abstract: The invention relates to a surface capable of detecting liquid, the surface comprising: - a substrate; - optionally an insulating layer covering the substrate; and - a pair of spaced apart conductive lines deposited from a liquid conductive paint comprising a polymeric binder and a pigment, applied by brush, roller, or spray on the substrate or on the insulating layer, wherein the pair of conductive lines is electrically connected to a power source for providing an electric potential difference between the conductive lines in the pair and creating an electric field between the conductive lines in the pair, in such a way that the pair of conductive lines forms a capacitor in a capacitive measurement circuit wherein change in capacitance of the capacitor can be monitored. The invention further relates to a method of detecting liquid using such surface.

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