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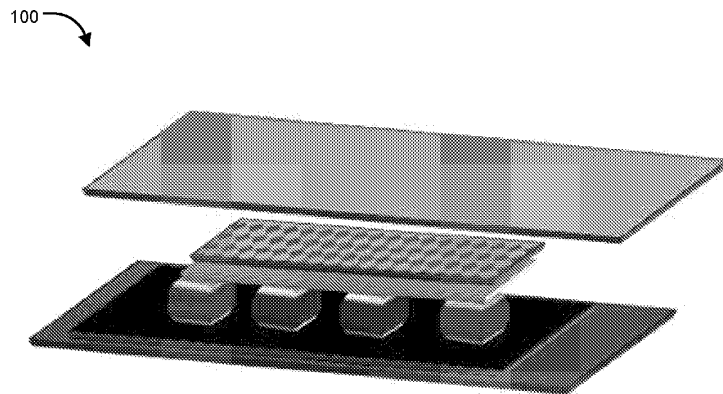


FIG. 1A

(57) Abstract: The present disclosure provides a device, which includes: a first layer provided with a waterproof, breathable pressure re-distribution medium and adapted for adhesion around an area of interest on a patient prognosed for occurrence of pressure ulcer; at least one second layer disposed under the first layer and provided with pores, adapted for reducing impact of friction and shear on the area of interest; at least one third layer disposed under the at least one second layer, and made of a hard material and adapted for providing support to the device; and at least one fourth layer disposed under the at least one third layer, provided with grooved features, which allow for redistribution of pressure applied on the device. The device, when placed on the area of interest, allows for redistribution of pressure, reduced shear and reduced friction on the area of interest, and may be used for prevention of pressure ulcers.

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