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(54) **AUXETIC STRETCHABLE SUBSTRATE
WITH FLEXIBLE JOINT STRUCTURE AND
METHOD OF MANUFACTURING SAME**

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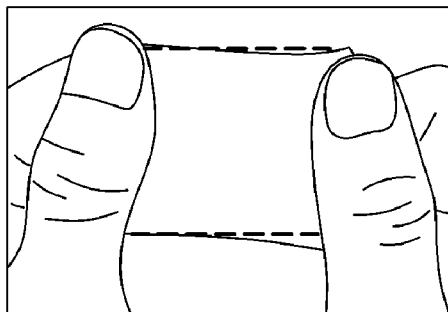
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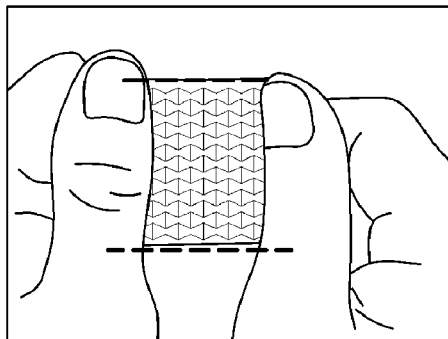
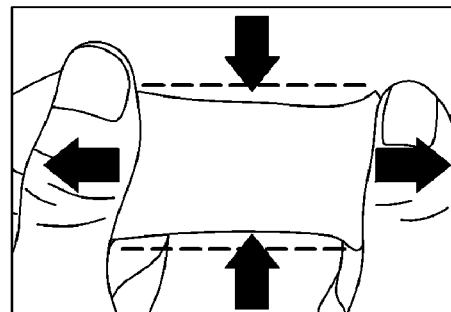
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ABSTRACT

Disclosed herein is a method of manufacturing an auxetic stretchable substrate with a flexible joint structure according to various embodiments of the present invention. The method includes preparing a substrate made of an elastic material, and forming an auxetic to form a plurality of first regions on the substrate, each of the plurality of first regions is a region in which a material constituting the auxetic is not printed, and at least some of the plurality of first regions have different lengths.



Nonauxetic



auxetic

