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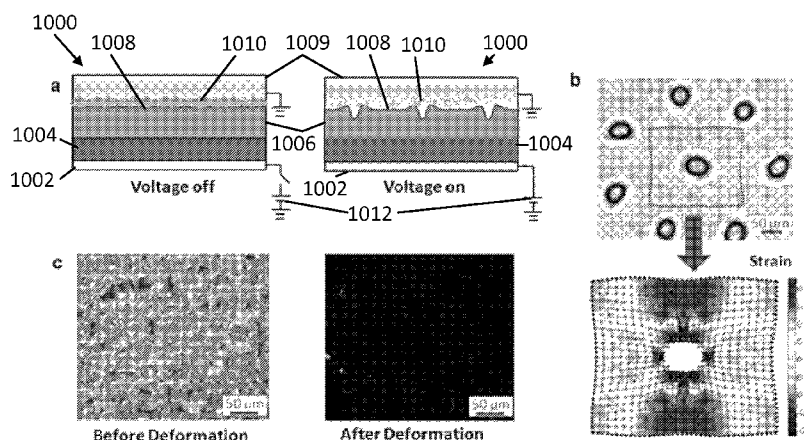
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(54) Title: DEVICES AND METHODS FOR ACTIVE BIOFOULING CONTROL



(57) Abstract: Disclosed herein are devices and methods for active biofouling control. According to an aspect, a device comprising a surface for contacting a biological material. The device also comprises a mechanism comprising a structure configured to change the surface between a first shape and a second shape. The change from the first shape to the second shape deforms the surface beyond a critical strain for debonding of a fouling agent from the surface when the fouling agent has bonded to the surface in the first shape.