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(54) **Title:** FIBER-BASED COMPOSITE WITH FRACTURE-INDUCED MECHANO-ELECTRICAL SENSITIVITY

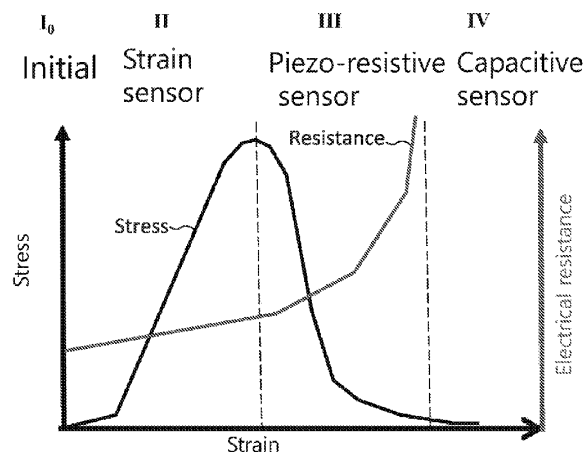


FIG. 1B

(57) **Abstract:** Fracture-induced composite sensors and methods of their fabrication are disclosed. The sensors can be used as strain sensors, piezo-resistive sensors, piezo-capacitive sensors, and non-contact displacement wearable sensors.

[Continued on next page]

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