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(54) Title: VOLTAGE TO ACCELERATE/DECELERATE EXPANDABLE METAL

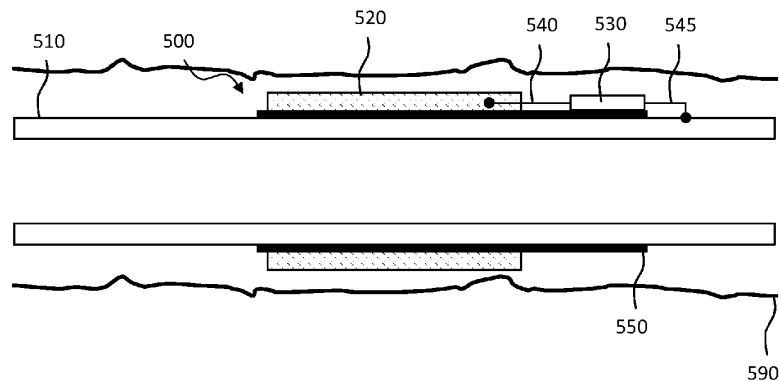


FIG. 5

(57) Abstract: Provided is a method for setting a downhole tool, and a downhole tool, and a well system employing the same. The method, in at least one aspect, includes positioning a downhole tool within a wellbore, the downhole tool including expandable metal configured to expand in response to hydrolysis, and subjecting the expandable metal to a wellbore fluid to expand the expandable metal into contact with one or more surfaces. The method, in at least one aspect, further includes applying a voltage to the expandable metal while the expandable metal is being subjected to the wellbore fluid.

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