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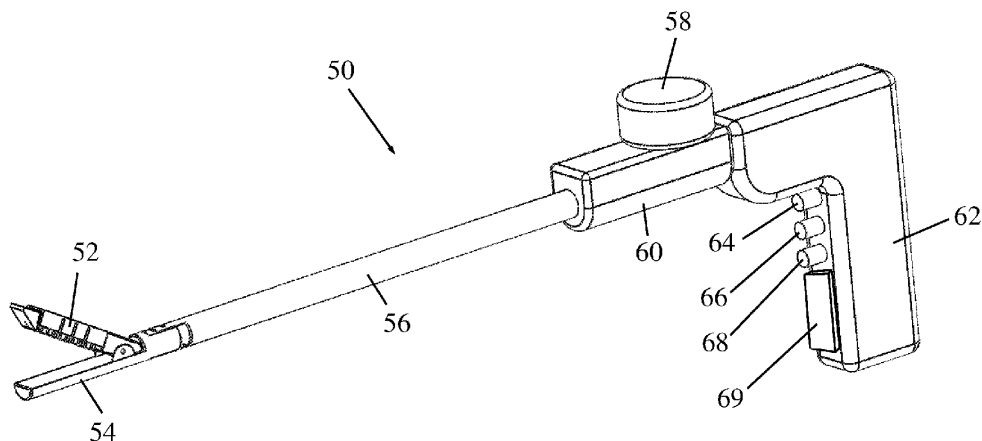


FIG. 9

(57) Abstract: A surgical fastener assembly includes one or more arrays of fasteners, each of the fasteners including a head portion opposite to a sharp portion. Each of the head portions of the fasteners is held by a fastener head holding member. A receiver member is aligned with each of the one or more arrays of fasteners. A fluid actuator is provided for each of the one or more arrays of fasteners, and it is contractible and expandable. Each of the fluid actuators is configured to provide a force against its corresponding array of fasteners to propel the sharp portions of the fasteners towards the receiver member and also configured to provide a force to free the head portions from the fastener head holding member.

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