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Laurent et al.

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(54) **MOTOR DRIVEN SURGICAL FASTENER
DEVICE WITH CUTTING MEMBER
REVERSING MECHANISM**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 520 days.

This patent is subject to a terminal dis-
claimer.

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(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

A surgical fastener apparatus including a handle, an elongated shaft having a proximal end attached to the handle and a distal end extending therefrom. An end effector comprising a pair of jaws pivoted at a proximal end thereof and movable between an open and closed position, and a cartridge containing a plurality of surgical fasteners, the cartridge attached to the end effector. An electrically powered actuator for deploying the surgical fasteners. An electrically activated reverse mechanism for moving the elongated member from a distal most position within the end effector to a proximal position, the electrically activated reverse mechanism moves the elongated member proximally after the elongated member has moved to the distal most position by moving the trigger to the open position, and wherein after activation of the reverse mechanism proximal movement of the elongated member can be stopped by returning the trigger to its closed position.

13 Claims, 25 Drawing Sheets

