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(54) **ROBOTICALLY POWERED SURGICAL DEVICE WITH MANUALLY-ACTUATABLE REVERSING SYSTEM**

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See application file for complete search history.

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(57) **ABSTRACT**

A surgical tool for use with a robotic system that includes a tool drive assembly that is operatively coupled to a control unit of the robotic system that is operable by inputs from an operator and is configured to robotically-generate output motions. A drive system is configured to interface with a corresponding portion of the tool drive assembly for receiving the robotically-generated output motions and applying the output motions to a drive shaft assembly which is configured to apply control motions to a surgical end effector operably coupled thereto. A manually-actuatable control system operably interfaces with the drive shaft assembly to facilitate the selective application of manually-generated control motions to the drive shaft assembly.

**11 Claims, 126 Drawing Sheets**

