

MOTOR-DRIVEN SURGICAL CUTTING AND FASTENING INSTRUMENT WITH TACTILE POSITION FEEDBACK

ABSTRACT

A surgical cutting and fastening instrument is disclosed. According to various embodiments, the instrument includes an end effector, a main drive shaft assembly connected to the end effector, and a gear drive train connected to the main drive shaft assembly. The end effector comprises a movable cutting instrument for cutting an object positioned in the end effector. The instrument also includes a main motor for actuating the gear drive train and a firing trigger for actuating the main motor. The instrument also includes a tactile position feedback system for applying force to the firing trigger such that the position of the firing trigger is related to the position of the cutting instrument in the end effector.