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DISCLAIMER IN PATENT UNDER 37 CFR 1.321(a)		
Name of Patentee Ethicon LLC	Docket Number (Optional) END5924USCNT2/060339CO	N2
Patent Number 8,479,969	Date Patent Issued July 9, 2013	***************************************
DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT		
I hereby disclaim the following complete claims in the above identified patent:		
The extent of my interest in said patent is (if assignee of record, state liber and page, or reel and frame, where assignment is recorded): 100% (reel: 041821/ frame: 0186)		
The fee for this disclaimer is set forth in 37 CFR 1.20(d).		
Patentee claims small entity status. See 37 CFR 1.27.		
Small entity status has already been established in this case, and is still proper.		
A check in the amount of the fee is enclosed.		
Payment by credit card. Form PTO-2038 is attached.		
The Director is hereby authorized to charge any fees which may be required or credit any overpayment to Deposit Account No. <u>02-1818</u> .		
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Signed at K&L Gates LLP,State of Pennsylvania, t	this 15th day of October 20	<u>18</u> .
/Brian T. Geisler/	54,115	
Signature	Registration Number applicable	, if
Brian T. Geisler 412-355-62		
Typed or printed name of patentee/ attorney or agent of re	record Telephone Number	r
210 Sixth Avenue		
Address Pittsburgh, PA, 15222 City, State, Zip Code or Foreign Country as applicable		

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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