

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3144724

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FREDERICK E. SHELTON IV	12/14/2005
JEFFREY S. SWAYZE	12/14/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ETHICON ENDO-SURGERY, INC.
<b>Street Address:</b>	4545 CREEK ROAD
<b>City:</b>	CINCINNATI
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45242
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14506929
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)355-6501
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(412) 355-8690
<b>Email:</b>	piuspatents@klgates.com
<b>Correspondent Name:</b>	RAGAE M. GHABRIAL
<b>Address Line 1:</b>	210 SIXTH AVENUE
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<b>ATTORNEY DOCKET NUMBER:</b>	END5698USCNT1/050510CON1
<b>NAME OF SUBMITTER:</b>	RAGAE M. GHABRIAL
<b>SIGNATURE:</b>	/Ragae M. Ghabrial/
<b>DATE SIGNED:</b>	12/12/2014
<b>Total Attachments: 2</b>	
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source=Assignment#page2.tif	

ASSIGNMENT

Serial No. 11/270,866

Filed: November 9, 2005

WHEREAS, Frederick E. Shelton IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio, and Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to the inventions entitled:

HYDRAULICALLY AND ELECTRICALLY ACTUATED ARTICULATION JOINTS FOR  
SURGICAL INSTRUMENTS

and which is found in U.S. Patent Application, Serial No. 11/270,866 filed on November 9, 2005; and

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said above-identified application and in and to said above-identified application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions


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and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 14<sup>th</sup> day of December, 2005.

  
(L.S.)  
Frederick E. Shelton IV

STATE OF OHIO)  
COUNTY OF HAMILTON) ss.

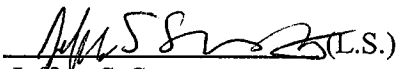
BE IT REMEMBERED, That on this 14<sup>th</sup> day of December, 2005, before me, a Notary Public, personally appeared FREDERICK E. SHELTON IV, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



KIMBERLY MELLISSA MOSES  
Notary Public, State of Ohio  
My Commission Expires  
September 23, 2006

  
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 14<sup>th</sup> day of DECEMBER, 2005.


  
(L.S.)  
Jeffrey S. Swayze

STATE OF OHIO)  
COUNTY OF HAMILTON) ss.

BE IT REMEMBERED, That on this 14<sup>th</sup> day of DECEMBER, 2005, before me, a Notary Public, personally appeared JEFFREY S. SWAYZE, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



KIMBERLY MELLISSA MOSES  
Notary Public, State of Ohio  
My Commission Expires  
September 23, 2006

  
Notary Public

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