

**PCT REQUEST**

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<b>0</b>	<b>For receiving Office use only</b>	
0-1	International Application No.	<b>PCT/IB2018/054711</b>
0-2	International Filing Date	<b>26 June 2018 (26.06.2018)</b>
0-3	Name of receiving Office and "PCT International Application"	<b>RO/IB</b>
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	<b>ePCT-Filing Version 4.3.005 MT/FOP 20180621/1.1</b>
0-5	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	<b>International Bureau of the World Intellectual Property Organization (RO/IB)</b>
0-7	<b>Applicant's or agent's file reference</b>	<b>END8171WOPCT</b>
<b>I</b>	<b>Title of Invention</b>	<b>ARTICULATION SYSTEMS FOR SURGICAL INSTRUMENTS</b>
<b>II</b>	<b>Applicant</b>	
II-1	This person is	<b>Applicant only</b>
II-2	Applicant for	<b>All designated States</b>
II-4	Name	<b>ETHICON LLC</b>
II-5	Address	<b>#475 Street C, Suite 401 Los Frailes Industrial Park 00969 Guaynabo Puerto Rico</b>
II-6	State of nationality	<b>US</b>
II-7	State of residence	<b>US</b>
II-8	Telephone No.	<b>513-337-8559</b>
II-9	Facsimile No.	<b>732-524-2808</b>
II-10	e-mail	<b>JNJINTLPATENT@CORUS.JNJ.com</b>
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	<b>exclusively in electronic form (no paper notifications will be sent)</b>

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<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	<b>Inventor only</b>
III-1-3	Inventor for	<b>All designated States</b>
III-1-4	Name (LAST, First)	<b>SHELTON, IV, Frederick E.</b>
III-1-5	Address	<b>4545 Creek Road Cincinnati, Ohio 45242 United States of America</b>
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	<b>Inventor only</b>
III-2-3	Inventor for	<b>All designated States</b>
III-2-4	Name (LAST, First)	<b>BAKOS, Gregory J.</b>
III-2-5	Address	<b>4545 Creek Road Cincinnati, Ohio 45242 United States of America</b>
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is	<b>Inventor only</b>
III-3-3	Inventor for	<b>All designated States</b>
III-3-4	Name (LAST, First)	<b>HARRIS, Jason L.</b>
III-3-5	Address	<b>4545 Creek Road Cincinnati, Ohio 45242 United States of America</b>

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<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>Agent</b>
IV-1-1	Name (LAST, First)	<b>SHIRTZ, JOSEPH F.</b>
IV-1-2	Address	<b>JOHNSON &amp; JOHNSON One Johnson &amp; Johnson Plaza New Brunswick, New Jersey 08933 United States of America</b>
IV-1-3	Telephone No.	<b>513-337-8559</b>
IV-1-4	Facsimile No.	<b>732-524-2808</b>
IV-1-5	e-mail	<b>JNJINTLPATENT@CORUS.JNJ.COM</b>
IV-1-5(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	<b>exclusively in electronic form (no paper notifications will be sent)</b>
IV-1-6	Agent's registration No.	<b>31,880</b>
<b>IV-2</b>	<b>Additional agent(s)</b>	<b>additional agent(s) with same address as first named agent</b>
IV-2-1	Name(s)	<b>GARNER, Dean L.(35,877)</b>
<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>27 June 2017 (27.06.2017)</b>
VI-1-2	Number	<b>15/634,117</b>
VI-1-3	Country or Member of WTO	<b>US</b>
<b>VI-2</b>	<b>Priority document request</b> The International Bureau is requested to obtain from a digital library a certified copy of the earlier application(s) identified above as item(s), using, where applicable, the access code(s) indicated:	<b>VI-1 Access code: 5667</b>

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<b>VI-3</b>	<b>Incorporation by reference :</b> where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>European Patent Office (EPO) (ISA/EP)</b>
<b>VIII</b>	<b>Declarations</b>	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	<b>3</b>
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	<b>3</b>
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-2-1	<b>Declaration: Entitlement to apply for and be granted a patent</b> Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	<b>In relation to this international application</b>  <b>ETHICON LLC is entitled to apply for and be granted a patent by virtue of the following:</b>
VIII-2-1 (iv)		<b>an assignment from SHELTON, IV, Frederick E. to ETHICON LLC, dated 17 July 2017 (17.07.2017)</b>
VIII-2-1 (iv)		<b>an assignment from BAKOS, Gregory J. to ETHICON LLC, dated 18 July 2017 (18.07.2017)</b>
VIII-2-1 (iv)		<b>an assignment from HARRIS, Jason L. to ETHICON LLC, dated 17 July 2017 (17.07.2017)</b>

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VIII-3-1	<b>Declaration: Entitlement to claim priority</b> Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	<b>In relation to this international application</b>  <b>ETHICON LLC</b> <b>is entitled to claim priority of earlier application No. US 15/634,117 by virtue of the following:</b>
VIII-3-1 (iv)		<b>an assignment from SHELTON, IV, Frederick E. to ETHICON LLC, dated 17 July 2017 (17.07.2017)</b>
VIII-3-1 (iv)		<b>an assignment from BAKOS, Gregory J. to ETHICON LLC, dated 18 July 2017 (18.07.2017)</b>
VIII-3-1 (iv)		<b>an assignment from HARRIS, Jason L. to ETHICON LLC, dated 17 July 2017 (17.07.2017)</b>

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<b>IX</b>	<b>Check list</b>	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>9</b>	✓
IX-2	Description	<b>109</b>	✓
IX-3	Claims	<b>4</b>	✓
IX-4	Abstract	<b>1</b>	✓
IX-5	Drawings	<b>61</b>	✓
IX-7	TOTAL	<b>184</b>	
	<b>Accompanying Items</b>	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-10	Original general power of attorney	-	✓
IX-19	Other	<b>Pct101</b>	✓
IX-20	Figure of the drawings which should accompany the abstract	<b>FIG 1</b>	
IX-21	Language of filing of the international application	<b>English</b>	
IX-22	The receiving Office is requested to make this international application available to the Priority Document Access Service (DAS) (provided that an international application number and international filing date is accorded to this purported international application.)	<b>Yes</b>	





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10-1	Date of actual receipt of the purported international application	<b>26 June 2018 (26.06.2018)</b>
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	<b>ISA/EP</b>
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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