

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN JAMES FIELD	05/19/2016
TINA GREATHOUSE	05/19/2016
J. MICHAEL KENNELLY	05/25/2016
THOMAS CUTHBERT MILLS	05/19/2016
RECEIVING PARTY DATA	
Name:	SMITHS GROUP PLC
Street Address:	2ND FLOOR CARDINAL PLACE
Internal Address:	80 VICTORIA STREET
City:	LONDON
State/Country:	ENGLAND
Postal Code:	5W1E 5JL
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	10196151
Application Number:	13064382
Application Number:	13685865
Application Number:	13686235
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	CHERYL A. FORREST
SIGNATURE:	/Cheryl A. Forrest/

PATENT

DATE SIGNED:	12/01/2016
Total Attachments: 6 source=Confirmatory Assignments - 44313-0002XXX#page1.tif source=Confirmatory Assignments - 44313-0002XXX#page2.tif source=Confirmatory Assignments - 44313-0002XXX#page3.tif source=Confirmatory Assignments - 44313-0002XXX#page4.tif source=Confirmatory Assignments - 44313-0002XXX#page5.tif source=Confirmatory Assignments - 44313-0002XXX#page6.tif	

ASSIGNMENT


For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STEPHEN JAMES FIELD, TINA GREATHOUSE, J. MICHAEL KENNELLY, and THOMAS CUTHBERT MILLS, assign to and confirm assignment to SMITHS GROUP PLC, a corporation registered in England and having a principal place of business at 2nd Floor Cardinal Place, 80 Victoria Street, London SW1E 5JL, England, and its successors, transferees, and assignees (collectively the "Assignee"), all of our right, title, and interest throughout the world in the matters claimed and inventions disclosed in any of the patents and patent applications listed in the attached Schedule A and any matters claimed and inventions disclosed in any patents, patent applications, rights to inventions, divisional applications, extensions, continuations, renewals and/or reissued patents that are based on the matters claimed and/or inventions disclosed in any of the patents and patent applications listed in the attached Schedule A (the "Patents and Patent Applications").

This Assignment assigns and confirms assignment of (a) the Patents and Patent Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates in respect of the Patents and Patent Applications (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Applications and Granted Rights and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Applications and Granted Rights and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

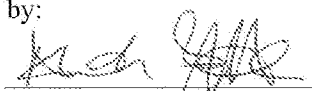
We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Applications and Granted Rights, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

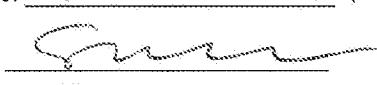


Stephen James Field

Date: 19 May 2016

Witnessed by:

Signature: 

Signature: 

Date: 19-MAY-2016

Print Name: ANDY JEFFREY

Date: 19 MAY 2016

Signature: _____

Print Name: S MAMMAL

Tina Greathouse
Tina Greathouse

Date: 19 MAY 2016

Witnessed by:

Signature: Ruehusa Garmon

Date: 19 MAY 2016

Print Name: Ruehusa Garmon

Signature: James Kahn

Date: 19 MAY 16

Print Name: JAMES KAHN

Michael Kennelly
J. Michael Kennelly

Date: 5/25/16

Witnessed by:

Signature: Kim C Kennelly
Print Name: Kim C Kennelly

Date: 5/25/16

Signature: Sara Alderfer
Print Name: Sara Alderfer

Date: 5/25/16


Thomas Cuthbert Mills


Date: 19-MAY-2016

Witnessed by:

Signature: 

Date: 19-MAY-2016

Print Name: Simon John Reas

Signature: 

Date: 19-MAY-2016

Print Name: LEE ERIC PIGGOTT

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: SMITHS GROUP PLC

Signature: _____ Date: _____

Name: _____

Title: _____

SCHEDULE A

<u>Patent/Publication No.</u>	<u>Application No.</u>	<u>Title</u>	<u>Filing Date</u>
US 8,092,390	US 10/196,151	Medico-Surgical Devices	July 17, 2002
US 2011/0172488	US 13/064,382	Medico-surgical devices	March 22, 2011
US 2013/0085384	US 13/685,865	Medical-Surgical Devices	November 27, 2012
US 2013/0144159	US 13/686,235	Medical-Surgical Devices	November 27, 2012
AU 2002300529B2	AU2002300529A	Medico-surgical devices	August 12, 2002
DE 10238684A1	DE10238684A	Medico-surgical devices	August 19, 2002
FR 2828814B1	FR20020010401	Medico-surgical devices	August 20, 2002
GB 2379610 B	GB200216145A	Medico-surgical devices	July 12, 2002
JP04294925B2	JP2002245271A	Medico-surgical device	August 26, 2002