

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5186914

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BEN ALAN ASKEM	06/24/2016
VICTORIA BEADLE	06/24/2016
JOHN PHILIP GOWANS	06/24/2016
ALLAN KENNETH FRAZER GRUGEON HUNT	06/07/2016
WILLIAM KELBIE	06/24/2016
RECEIVING PARTY DATA	
Name:	T.J. SMITH & NEPHEW LIMITED
Street Address:	P.O. BOX 81
Internal Address:	101 HESSLE ROAD
City:	HULL
State/Country:	UNITED KINGDOM
Postal Code:	HU3 2BN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16082884
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
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Phone:	9497600404
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Correspondent Name:	KNOBBE MARTENS OLSON & BEAR LLP
Address Line 1:	2040 MAIN STREET
Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	SMNPH.364NP
NAME OF SUBMITTER:	JESSICA L. ACHTSAM
SIGNATURE:	/Jessica L Achtsam/
DATE SIGNED:	10/12/2018

Total Attachments: 10

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PATENT

Application No.: US 62/305,928 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR//
SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 26, 2016// April 26, 2016// March 7, 2016// May 3,
2016 // May 3, 2016 // May 3, 2016

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ASSIGNMENT AGREEMENT

WHEREAS, We, the Inventors identified in the table below, are citizens of the country listed below, reside in the city and country listed below, and receive mail at the address listed below:

Inventor	Citizenship	Residence City and Country	Mailing Address
Ben Alan Askem	GB	Monk Fryston, Leeds, United Kingdom	Smith & Nephew Reasearch Centre, York Science Park, Heslington, York YO10 5Df, United Kingdom
Victoria Beadle	GB	Hull, United Kingdom	Smith & Nephew Reasearch Centre, York Science Park, Heslington, York YO10 5Df, United Kingdom
John Philip Gowans	GB	Hessle, Yorkshire, United Kindom	Smith & Nephew Reasearch Centre, York Science Park, Heslington, York YO10 5Df, United Kingdom
Allan Kenneth Frazer Grugeon Hunt	GB	Beverley, East Riding of Yorkshire, United Kingdom	Smith & Nephew Reasearch Centre, York Science Park, Heslington, York YO10 5Df, United Kingdom
William Kelbie	GB	Inverness, United Kingdom	Smith & Nephew Reasearch Centre, York Science Park, Heslington, York YO10 5Df, United Kingdom

WHEREAS, We, the Inventors (collectively or individually referred to as "ASSIGNOR"), have invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries ("Inventions") disclosed in the following patent applications:

PATENT

REEL: 047153 FRAME: 0426

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR//
SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 26, 2016// April 26, 2016// March 7, 2016// May 3,
2016 // May 3, 2016 // May 3, 2016

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Application No. (Attorney Docket No.)	Filing Date	Title	Inventors
U.S. Provisional Application No. 62/305,926 (SMNPH.330PR)	March 9, 2016	SWITCH FOR REDUCED PRESSURE APPARATUSES	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Provisional Application No. 62/304,910 (SMNPH.331PR)	March 7, 2016	DRESSING EXHAUST FOR REDUCED PRESSURE APPARATUSES	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Provisional Application No. 62/327,537 (SMNPH.332PR)	April 26, 2016	NON-RETURN VALVE FOR REDUCED PRESSURE APPARATUSES	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson

PATENT

REEL: 047153 FRAME: 0427

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR//
SMNPH.366PR// SMNPH.387PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 26, 2016// April 26, 2016// March 7, 2016// May 3,
2016 // May 3, 2016 // May 3, 2016

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Application No. (Attorney Docket No.)	Filing Date	Title	Inventors
U.S. Provisional Application No. 62/327,676 (SMNPH.333PR)	April 26, 2016	FLUID INGRESS INHIBITION COMPONENT FOR REDUCED PRESSURE APPARATUSES	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Provisional Application No. 62/304,790 (SMNPH.364PR)	March 7, 2016	REDUCED PRESSURE APPARATUSES AND METHODS	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Provisional Application No. 62/331,098 (SMNPH.366PR)	May 3, 2016	SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson

PATENT**REEL: 047153 FRAME: 0428**

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790 // US 62/331,098 // US 62/331,056 // US 62/331,109

Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR// SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 26, 2016// April 26, 2016// March 7, 2016// May 3, 2016 // May 3, 2016 // May 3, 2016

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Application No. (Attorney Docket No.)	Filing Date	Title	Inventors
U.S. Provisional Application No. 62/331,056 (SMNPH.367PR)	May 3, 2016	SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Provisional Application No. 62/331,109 (SMNPH.368PR)	May 3, 2016	SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY	Ben Alan Askem, Victoria Beadle, John Philip Gowans, Mark Hesketh, Allan Kenneth Frazer Grugeon Hunt, William Kelbie, Damyn Musgrave, Joseph William Robinson
U.S. Application No. 16/082,884 (SMNPH.364NP)	September 6, 2018	WOUND TREATMENT APPARATUSES AND METHODS WITH NEGATIVE PRESSURE SOURCE INTEGRATED INTO WOUND DRESSING	Ben Alan Askem; Victoria Beadle; John Philip Gowans; Mark Hesketh; Allan Kenneth Frazer Grugeon Hunt; William Kelbie; Damyn Musgrave; Joseph William Robinson

PATENT

REEL: 047153 FRAME: 0429

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR//
SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 26, 2016// April 26, 2016// March 7, 2016// May 3,
2016 // May 3, 2016 // May 3, 2016

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ASSIGNOR hereby authorizes and requests the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995 to insert in the foregoing table the application number, attorney docket number, filing date, title, and inventors, respectively, of any U.S. Patent Applications (including without limitation any subsequently filed provisional applications, nonprovisional applications, design applications, and any U.S. National Phase Patent Applications) and/or any PCT International Applications and/or any community design registrations that correspond to or claim priority to any of the applications listed in foregoing table and/or disclose one or more of the inventions, said U.S. Patent Applications and/or PCT International Applications, if any, being filed after the date this Assignment Agreement was prepared and/or after the date this Assignment Agreement was executed by ASSIGNOR. However, this Assignment Agreement shall not be unenforceable if any of the aforementioned U.S. Patent Applications and/or PCT International Applications are not hereinafter filed or if the application number or filing date of any such application not inserted above. All of the foregoing applications, including any U.S. Patent Applications and/or PCT International Applications listed in the foregoing table, if any, are collectively referred to hereinafter as the "Applications."

WHEREAS, ASSIGNOR is, or at the relevant time was, an employee of T.J. Smith & Nephew Limited of PO Box 81,101 Hesse Road, Hull, HU3 2BN, a company with company number 00093994 (hereinafter the "ASSIGNEE");

WHEREAS, ASSIGNOR invented such inventions in the ordinary course of his or her employment with ASSIGNEE;

WHEREAS, ASSIGNEE desires to confirm that it has acquired the entire right, title, and interest of ASSIGNOR in and to the inventions and the Applications, as well as all related intellectual property rights as further set forth herein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in and to each of the following:

A. The inventions, including without limitation any of ASSIGNOR's improvements hereto, whether conceived and/or reduced to practice by each ASSIGNOR alone or jointly with anyone else;

B. The Applications, including without limitation any of ASSIGNOR's inventions that may be disclosed therein, and any other applications in which the inventions are disclosed; all provisional and nonprovisional applications relating to the Applications or claiming the benefit thereof that have been or may hereafter be filed by the ASSIGNEE in the United States or in any foreign country ("Related Applications"); all continuations, divisionals, and continuations in part of the Applications and any such Related Applications; and all U.S. and foreign patents, design applications, design registrations, or registered designs which may be granted on the

PATENT

REEL: 047153 FRAME: 0430

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

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SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

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2016 // May 3, 2016 // May 3, 2016

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Applications and the Related Applications, and all reissues, re-examinations, and extensions of such patents, design applications, design registrations, or registered designs;

C. Those items of ASSIGNOR's tangible property embodying or describing the inventions, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, lab notebooks and portions thereof, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered to ASSIGNEE immediately upon request;

D. All claims and causes of action for infringement of or damage to all rights related to the inventions, the Applications, and/or the Related Applications, whether accruing before or after the execution of this Assignment Agreement, and all legal rights to enforce the same against third parties and to retain the entire proceeds therefrom.

ASSIGNOR AGREES, without further consideration or compensation, to communicate to ASSIGNEE any facts of which ASSIGNOR has knowledge respecting the inventions, Applications, or Related Applications, testify in any legal proceeding, sign all documents, make all rightful oaths and declarations, and generally do everything possible to aid ASSIGNEE in obtaining and enforcing patents, design applications, design registrations, or registered designs for the inventions in all countries. ASSIGNEE agrees to reimburse ASSIGNOR's reasonable expenses in carrying out his/her obligations under this Assignment Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense. ASSIGNOR does also hereby authorize and request the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications, to issue all Letters Patent, Design Applications, Design Registrations, or Registered Designs for the inventions to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this Assignment Agreement.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Assignment Agreement is binding on ASSIGNOR, his or her officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under his or her direction and control, and shall inure to the benefit of ASSIGNEE, its successors, legal representatives and assigns. This Assignment Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by any ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Assignment Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Assignment Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Assignment Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

PATENT

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PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109

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SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

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C. In the event that any legal action becomes necessary to enforce or interpret the terms of this Assignment Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the inventions are patentable, and further agrees not to take any action challenging or opposing, on any grounds whatsoever, the rights of ASSIGNEE, its successors, legal representatives and assigns, granted under this Assignment Agreement, or the validity thereof. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Assignment Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and each ASSIGNOR shall be effective. Further, this Assignment Agreement contains the entire understanding between the parties with respect to the subject matter hereof, and there are no representations, warranties, promises or undertakings other than those contained herein.

PATENT

REEL: 047153 FRAME: 0432

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
// US 62/331,098 // US 62/331,056 // US 62/331,109


Client Code: SMNPH.330PR// SMNPH.331PR// SMNPH.332PR// SMNPH.333PR// SMNPH.364PR//
SMNPH.366PR// SMNPH.367PR// SMNPH.368PR

Filing Date: March 9, 2016// March 7, 2016 // April 28, 2016// April 26, 2016// March 7, 2016// May 3,
2016 // May 3, 2016 // May 3, 2016

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal:

24-JUN-2016
Date


Ben Alan Askem


W. Kelbie
Witness Signature

24 June 2016
Date

WILLIAM KELBIE
Witness Name

IN TESTIMONY WHEREOF, I hereunto set my hand and seal:

24/6/2016
Date


Victoria Beadle

W. Kelbie
Witness Signature

24 June 2016
Date

WILLIAM KELBIE
Witness Name

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
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2016 // May 3, 2016 // May 3, 2016

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal:

24/06/16
Date

[Signature]
John Philip Gowans

W. Kelbie
Witness Signature

24 June 2016
Date

WILLIAM KELBIE
Witness Name

IN TESTIMONY WHEREOF, I hereunto set my hand and seal:

7 June 2016
Date

[Signature]
Allan Kenneth Frazer Grugeon Hunt

[Signature]
Witness Signature

7/6/16
Date

JANA EASTON
Witness Name

PATENT

Application No.: US 62/305,926 // US 62/304,910 // US 62/327,537 // US 62/327,676 // US 62/304,790
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2016 // May 3, 2016 // May 3, 2016

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal:

24 June 2016
Date

W. Kelbie
William Kelbie

[Signature]
Witness Signature

24/6/16
Date

JOHN GOWAN
Witness Name

ACCEPTED:

TJ Smith & Nephew Limited:

By: [Signature]

Name Printed: ROGER DAVID HALEY

Title: AUTHORISED SIGNATORY

Date: 12/1/17

9850484

PATENT

RECORDED: 10/12/2018

REEL: 047153 FRAME: 0435