

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ross Peter Jones</td> <td>04/09/2013</td> </tr> <tr> <td>Simon Roderick Grover</td> <td>04/11/2013</td> </tr> <tr> <td>Mark David Tuckwell</td> <td>04/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ross Peter Jones	04/09/2013	Simon Roderick Grover	04/11/2013	Mark David Tuckwell	04/05/2013		
Name	Execution Date										
Ross Peter Jones	04/09/2013										
Simon Roderick Grover	04/11/2013										
Mark David Tuckwell	04/05/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Fresenius Medical Care Holdings, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>920 Winter Street</td> </tr> <tr> <td>City:</td> <td>Waltham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451-1457</td> </tr> </table>		Name:	Fresenius Medical Care Holdings, Inc.	Street Address:	920 Winter Street	City:	Waltham	State/Country:	MASSACHUSETTS	Postal Code:	02451-1457
Name:	Fresenius Medical Care Holdings, Inc.										
Street Address:	920 Winter Street										
City:	Waltham										
State/Country:	MASSACHUSETTS										
Postal Code:	02451-1457										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13836514</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13836514						
Property Type	Number										
Application Number:	13836514										
CORRESPONDENCE DATA											
Fax Number: 8777697945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (617) 542-5070 Email: apsi@fr.com Correspondent Name: Michael R. Hamlin Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	18196-0185001										
NAME OF SUBMITTER:	Matthew G. Doherty										
Signature:	/Matthew G. Doherty/										

Date:

05/10/2013

Total Attachments: 2

source=Assign0185001#page1.tif

source=Assign0185001#page2.tif

ASSIGNMENT

For valuable consideration, we, ROSS PETER JONES of 84 Wulfstan Way, Cambridge, United Kingdom CB1 8 QH, SIMON RODERICK GROVER of 110 Cromwell Road, Cambridge, Cambridgeshire, United Kingdom CB1 3EG, and MARK DAVID TUCKWELL of 67 Wilbury Road, Letchworth, SG6 4JJ Hertfordshire, United Kingdom, hereby assign to: Fresenius Medical Care Holdings, Inc., a corporation of New York having a place of business at: 920 Winter St., Waltham, MA 02451-1457; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MEDICAL FLUID SENSORS AND RELATED SYSTEMS AND METHODS, filed 3/15/2013, and assigned U.S. Serial Number 13/836,514, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 9 April 2013


ROSS PETER JONES

Witnessed by:

Name: JANE KEYWORTH

Date: 09/04/2013

Name: ALEX FULLARTON

Date: 09/04/2013

Date: 11th April 2013


SIMON RODERICK GROVER

Witnessed by:

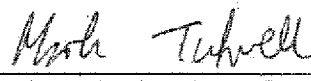
Name: Oliver Godbold

Date: 11th April 2013

Name: Thomas Jackson

Date: 11th April 2013

Date: 5th April 2013


MARK DAVID TUCKWELL

Witnessed by:

Name: ROHAN KAMDAR

Date: 5th APRIL 2013

Name: 

Date: 5 APRIL 2013

23005008.doc