

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5986143

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SIMON C. HELMORE	01/07/2012
RECEIVING PARTY DATA		
Name:	DEKA PRODUCTS LIMITED PARTNERSHIP	
Street Address:	340 COMMERCIAL STREET	
City:	MANCHESTER	
State/Country:	NEW HAMPSHIRE	
Postal Code:	03101	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16691806	
CORRESPONDENCE DATA		
Fax Number:	(603)624-0573	
<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>		
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Correspondent Name:	DEKA RESEARCH & DEVELOPMENT	
Address Line 1:	340 COMMERCIAL STREET	
Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03101	
ATTORNEY DOCKET NUMBER:	AA145	
NAME OF SUBMITTER:	MARC J. GORAYEB	
SIGNATURE:	/Marc J Gorayeb/	
DATE SIGNED:	02/27/2020	
Total Attachments: 2		
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ASSIGNMENT

ASSIGNOR: Simon C. Helmore

ASSIGNEE: DEKA Products Limited Partnership
340 Commercial Street
Manchester, NH 03101

STATE OF INCORPORATION OF ASSIGNEE: New Hampshire

TITLE: Medical Treatment System and Methods Using a Plurality of Fluid Lines

ATTORNEY DOCKET: 186

APPLICATION NO.: 13/178,191

FILED: July 7, 2011

Assignor is an inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

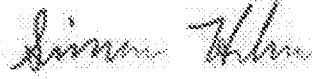
For valuable consideration, receipt of which is acknowledged, Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Assignor further agrees that Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and, all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or

maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, Assignor hereby executes this instrument on the date set forth below.

Date: 1-7-2012

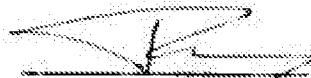


Simon C. Helmore

STATE/Commonwealth of MA)
COUNTY OF MIDDLESEX) ss.

On this 7th day of January, 2012, before me, the undersigned notary public, personally appeared Simon C. Helmore, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.





Notary Public

Seal

My commission expires: June 24, 2016