

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4930518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEAN KAMEN	03/22/2018
JASON A. DEMERS	03/22/2018
FREDERICK MORGAN	01/30/2017
TIMOTHY D. MOREAU	12/21/2016
BRIAN D. TRACEY	12/20/2016
DIRK A. VAN DER MERWE	02/21/2017
RICHARD J. LANIGAN	01/05/2017
MICHAEL A. BAKER	09/12/2017
DAVID BLUMBERG JR.	12/16/2016
MATTHEW WARE	10/02/2017

RECEIVING PARTY DATA

Name:	DEKA PRODUCTS LIMITED PARTNERSHIP
Street Address:	340 COMMERCIAL STREET
Internal Address:	DEKA R&D
City:	MANCHESTER
State/Country:	NEW HAMPSHIRE
Postal Code:	03101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15288900

CORRESPONDENCE DATA**Fax Number:**

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.

Phone: 603-669-5139
Email: mscarpaci@dekaresearch.com
Correspondent Name: KATHLEEN CHAPMAN
Address Line 1: 340 COMMERCIAL STREET
Address Line 2: DEKA R&D
Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

PATENT

ATTORNEY DOCKET NUMBER:	S69
NAME OF SUBMITTER:	KATHLEEN CHAPMAN
SIGNATURE:	/kathleen chapman/
DATE SIGNED:	04/24/2018

Total Attachments: 14

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ASSIGNMENT

ASSIGNOR: Dean Kamen, Jason A. Demers, Frederick Morgan, Timothy D. Moreau,
Brian D. Tracey, Dirk A. van der Merwe, Richard J. Lanigan, Michael A.
Baker and David Blumberg Jr.

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

STATE OF INCORPORATION OF ASSIGNEE: New Hampshire

TITLE: Fluid Pumping and Bioreactor System

ATTORNEY DOCKET: S69

APPLICATION NO.: 15/288,900

FILED: October 7, 2016

This assignment applies to any invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title, and for which the Assignor is an inventor or co-inventor. 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.

For valuable consideration, receipt of which is acknowledged, Assignor hereby assigns solely to Assignee (including 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, reexaminations, 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, design, or substitute United States application which is based on the Application; any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, design, and substitutions thereof) based in part on any of the above described applications, any Patent Cooperation Treaty application, utility model application, short-term patent, and industrial design application based in whole or in part on the Invention, the Application, and/or any of the above described applications.

Assignor hereby declares and warrants that, at the time of execution and delivery of this Assignment, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor has not assigned the invention to any other entity.

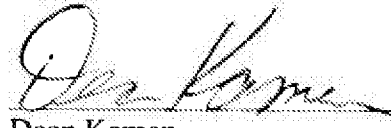
Assignor further agrees that Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and 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, without further compensation to Assignor during the term of such Assignor's relationship with Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including, but not limited to, 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. And the Assignor does hereby also grant unto Assignee the right to claim priority to the Application.

Date: April 24, 2018

Signature: Kathleen Chapman
Kathleen Chapman, for Assignee,
DEKA Products Limited Partnership

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

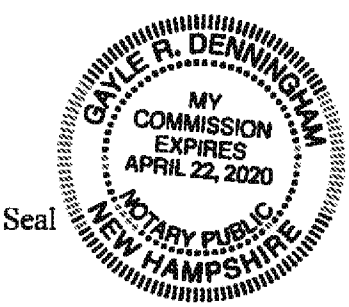
Date: 3/22/18

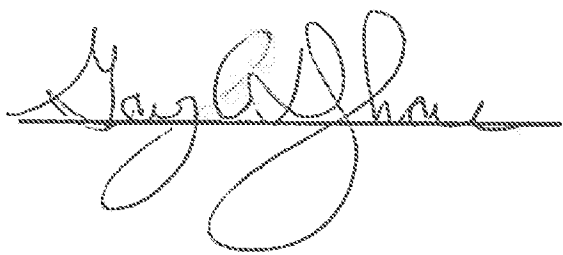


Dean Kamen

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

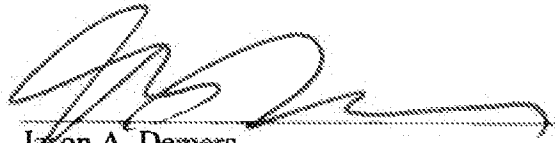
On this 22 day of March, ²⁰¹⁸2016, before me, the undersigned notary public, personally appeared Dean Kamen, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.





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

Date: 7-22-19

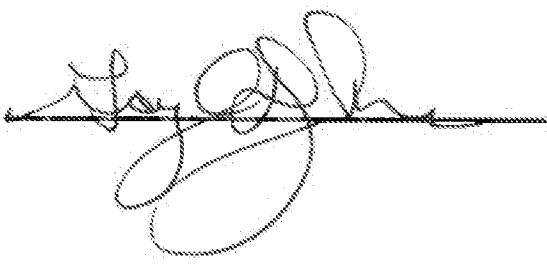

Jason A. Demers

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 22 day of March, ~~2016~~²⁰¹⁸, before me, the undersigned notary public, personally appeared Jason A. Demers, 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.

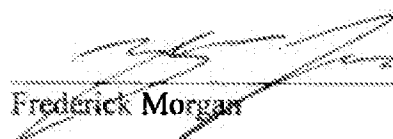


Seal



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


Date: 1/30/2017



Frederick Morgan

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 30~~th~~ day of January, ~~2016~~²⁰¹⁷, before me, the undersigned notary public, personally appeared Frederick Morgan, 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.



Seal



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

Date: 12/2/14

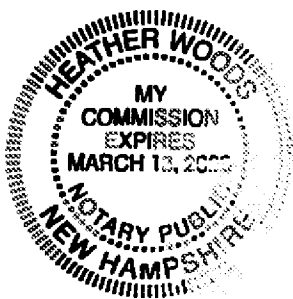
Timothy D. Moreau
Timothy D. Moreau

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 21st day of December, 2016, before me, the undersigned notary public, personally appeared Timothy D. Moreau, 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.


Heather Woods

Seal



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

Date: 12/20/2016



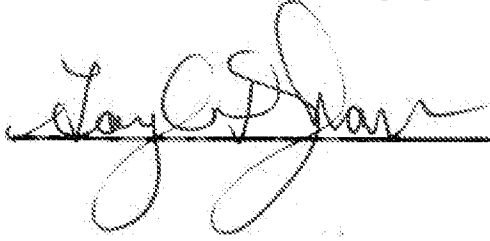
Brian D. Tracey

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 20 day of December, 2016, before me, the undersigned notary public, personally appeared Brian D. Tracey, 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.




Seal



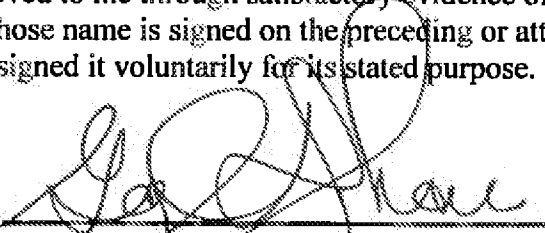
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 02/21/2017


Dirk A. van der Merwe

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 21 day of February, ~~2016~~²⁰¹⁷, before me, the undersigned notary public, personally appeared Dirk A. van der Merwe, who 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.

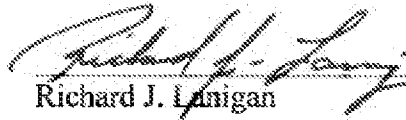


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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 1/5/2017


Richard J. Lanigan

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 5 day of January, ~~2016~~ ²⁰¹⁷, before me, the undersigned notary public, personally appeared Richard J. Lanigan, 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.

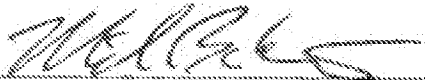
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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 9/12/17



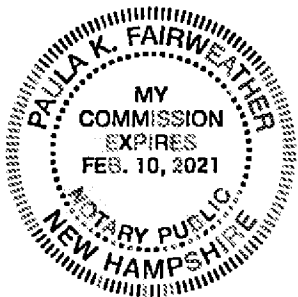
Michael A. Baker

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 12th day of September, ²⁰¹⁷~~2016~~, before me, the undersigned notary public, personally appeared Michael A. Baker, 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.

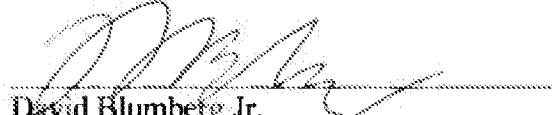


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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 12/16/2016

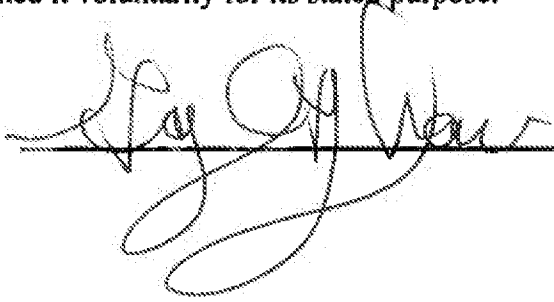

David Blumberg Jr.

STATE OF NEW HAMPSHIRE)
) ss.
COUNTY OF HILLSBOROUGH)

On this 16 day of December, 2016, before me, the undersigned notary public, personally appeared David Blumberg Jr., 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.

Seal




Gayle R. Denningham

ASSIGNMENT

ASSIGNOR: Matthew Ware

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

STATE OF INCORPORATION OF ASSIGNEE: New Hampshire

TITLE: Fluid Pumping and Bioreactor System

ATTORNEY DOCKET: S69

APPLICATION NO.: 15/288,900

FILED: October 7, 2016

This assignment applies to any invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title, and for which the Assignor is an inventor or co-inventor. 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.

For valuable consideration, receipt of which is acknowledged, Assignor hereby assigns solely to Assignee (including 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, reexaminations, 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, design, or substitute United States application which is based on the Application; any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, design, and substitutions thereof) based in part on any of the above described applications, any Patent Cooperation Treaty application, utility model application, short-term patent, and industrial design application based in whole or in part on the Invention, the Application, and/or any of the above described applications.

Assignor hereby declares and warrants that, at the time of execution and delivery of this Assignment, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor has not assigned the invention to any other entity.

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

Attorney Docket No.: 15/288,900
Serial Number: 569

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, without further compensation to Assignor during the term of such Assignor's relationship with Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including, but not limited to, 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. And the Assignor does hereby also grant unto Assignee the right to claim priority to the Application.

Date: October 9, 2017 Signature: Kathleen Chapman
Kathleen Chapman, for Assignee,
DEKA Products Limited Partnership

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

Date: 10/02/17

Matthew Ware
Matthew Ware

Massachusetts
STATE OF NEW HAMPSHIRE)
Middlesex) ss.
COUNTY OF HILLSBOROUGH)

On this 2nd day of October, 2017, before me, the undersigned notary public, personally appeared Matthew Ware, 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.

Jeff S. Stanley
My Commission Expires 6/11/2021

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