# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Robert Fishman	11/20/2008
Robert Havener	11/20/2008
Ihab Abdel Fattah	05/01/2008
Anas Abdelazim	11/24/2008
Scott Newell	11/20/2008
Thomas H. Bishop	11/20/2008
Tamer Khayal	11/20/2008
Stanley Kyi	11/20/2008
Ron Taylor	11/20/2008
Doug Harriott	11/21/2008
Matthew De Remer	11/20/2008
Paul Murray	11/20/2008
John Sullivan	11/20/2008
Mark Anderson	11/20/2008
Richard Bringham	11/20/2008
Michael Van Driel	11/21/2008
Waleed H. Hassanein	11/24/2008

## **RECEIVING PARTY DATA**

Name:	TransMedics, Inc.
Street Address:	200 Minuteman Road
Internal Address:	Suite 302
City:	Andover
State/Country:	MASSACHUSETTS
Postal Code:	01810

### PROPERTY NUMBERS Total: 1

Property Type	Number
	DATENT

PATENT "
REEL: 022253 FRAME: 0341

500780718

Application Number: 12099717

### CORRESPONDENCE DATA

Fax Number: (202)663-6363

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2026636000

Email: penny.zimmerman@wilmerhale.com

Correspondent Name: WilmerHale LLP

Address Line 1: 1875 Pennsylavania Avenue NW

Address Line 2: Ken Sakurabayashi

Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER: 0113441.00152US6

NAME OF SUBMITTER: Penny Zimmerman

Total Attachments: 16

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PATENT

REEL: 022253 FRAME: 0342

#### ASSIGNMENT

WHEREAS, Robert Fishman, an individual, whose address is 146 West 8th Street, #3, Boston, MA 02127; Robert Havener, an individual, whose address is 559 Chestnut Street, Apt. 5, Lynnfield, MA 01940; Ihab Abdel Fattah, an individual, whose address is 38 Royal Crest Drive, Apt. 5, Andover, MA 01845; Anas Abdelazim, an individual, whose address is 20 Royal Crest Drive, Apt. 6, North Andover, MA; Scott Newell, an individual, whose address is 6 Farley Avenue, Ipswich, MA; Tom Bishop, an individual, whose address is 55 Larch Row, Wenham, MA: Tamer Khayal, an individual, whose address is 17 Royal Crest Drive, Apt. 5, North Andover, MA 01845; Stanley Kyi, an individual, whose address is 44 Beacon Street, Andover, MA 01810: Ron Taylor, an individual, whose address is 332 North Pond Road, Chester, NH 03036; Doug Harriott, an individual, whose address is 96 Sargent Street, Melrose, MA 02176; Matthew De Remer, an individual, whose address is 5 Weitz Street, Apt. 3, Allston, MA 02134; Paul Murray, an individual, whose address is 85 Wharton Row. Groton, MA 01450; John Sullivan, an individual, whose address is 53 Blossom Lane, Groton, MA 01450; Mark Anderson, an individual, whose address is 21 Worthington Avenue, Danvers, MA 01923; Richard Bringham, an individual, whose address is 49 Crossbow Lane, North Andover, MA 01845; Michael Van Driel, an individual, whose address is Via Verzola 9, Mirandola, Italy 41037; **Waleed H. Hassanein**, an individual, whose address is 30 Windkist Farm Road, North Andover, MA 01845 (hereinafter called "ASSIGNOR"), are the inventors of certain new and useful inventions and discoveries. including the following application for United States Patent:

United States Patent Application Number 12/099,717 entitled "Systems and Methods for Ex Vivo Lung Care" filed on April 8, 2008.

WHEREAS, TransMedics, Inc., a corporation, whose address is 200 Minuteman Road, Suite 302, Andover, MA 01810, together with its successors and assigns (hereinafter called "ASSIGNEE") has purchased the application.

WHEREAS, ASSIGNEE is desirous of acquiring the entire title, rights, interests, benefits, and privileges hereinafter recited.

Page 1 of 12

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to ASSIGNOR, receipt and sufficiency of which ASSIGNOR hereby acknowledges, ASSIGNOR hereby without reservations:

- 1. Assigns, transfers, and conveys to ASSIGNEE, all of ASSIGNOR's entire right, title, and interest in and to said inventions, improvements, discoveries and Patents, any and all other applications for patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all patents, reissues, and extensions of patents granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said patents;
- Authorizes ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
- 3. Authorizes and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct:
- 4. Warrants that ASSIGNOR has not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that ASSIGNOR hereby covenants and warrants that ASSIGNOR has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith;

Page 2 of 12

- 5. Binds ASSIGNOR's heirs, legal representatives, and assigns, as well as ASSIGNOR, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries and said Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by ASSIGNOR, ASSIGNOR's heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to ASSIGNOR relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in ASSIGNOR's control or in the control of ASSIGNOR's heirs, legal representatives, or assigns which may be useful for establishing the facts of ASSIGNOR's conceptions, disclosures, and reduction to practice of said inventions and discoveries;
- 6. Grants the firm of Wilmer Cutler Pickering Hale and Dorr LLP the power to insert on this Assignment any further identification, including patent and patent application number(s) and filing date(s), which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 3 of 12

IN TESTIMONY WHEREOF, I have he	reunto set my hand and seal.
\\\(\langle 20 \/ 0\forall   0\f	The Morning
Date	Robert Fishman
State of Manachuntte )	
County of Essex )	
through satisfactory evidence of identification	son whose name is signed above, and who
, , , , , , , , , , , , , , , , , , ,	10 T XI
	Notary Public  [affix seal]  Notary Public  Commonwealth of Massachusetts  My Commission Expires October 6, 2011
IN TESTIMONY WHEREOF, I have he	reunto set my hand and seal.
IN TESTIMONY WHEREOF, I have he	reunto set my hand and seal.
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	reunto set my hand and seal.  Robert Havener
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Date  State of Marachustta )  County of Essex )  On this 15 day of 16 notary public, personally appeared through satisfactory evidence of identifications.	Robert Havener  Robert Havener  nember, 20_08 , before me, the undersigned labort Havener, proved to me ication, which was
Date  State of Marachustta )  County of Essex )  On this 15 day of 16 notary public, personally appeared through satisfactory evidence of identifications.	Robert Havener  Robert Havener  1. 20 08, before me, the undersigned libert Havener  Robert Havener, proved to me ication, which was
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REEL: 022253 FRAME: 0346

Date	lhab Abdel Fattah
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- 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	Notary Public
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IN TESTIMONY WHEREOF, I have he	1 1 1 1/4
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County of SISEX )	
On this 24th day of 1/2 notary public, personally appeared through satisfactory evidence of identifications.	son whose name is signed above, and who voluntarily for its stated purpose.
	[affix seal]  JON C. TRACHTENBERG  Notary Public  Commonwealth of Massachusetts  My Commission Expires October 6, 2011

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

Page 5 of 12

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Date	Scott Newell
State of Massachmetts )	
County of Essex )	
through satisfactory evidence of identifi	son whose name is signed above, and who
	Notary Public
	[affix seal] JON C. TRACHTENBERG Notary Public Commonwealth of Massachusetts
	My Commission Expires October 6, 2011
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	reunto set my hand and seal.
1 (/20/08 Date	Tom Bishop
1 (/20/€8 Date	Thomas H Bisher
Date  State of Manuchwath )  County of Sux )  On this 21th day of Manufactury public, personally appeared through satisfactory evidence of identification, to be the per	Tom Bishop  Tom Bi
Date  State of Manuchusth )  County of Essay )  On this 21 <sup>th</sup> day of Manufactury public, personally appeared through satisfactory evidence of identifications.	Tom Bishop  Tom Bi
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Page 6 of 12

IN TESTIMONY WHEREOF, I have here	unto set my hand and seal.
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	n whose name is signed above, and who
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e til stille	Notary Public JON C. TRACHTENBERG
1	Notary Public JON C. TRACHTENBERG
	Affix seal]  Notary Public Commonwealth of Massachusetts My Commission Expires
	October 6, 2011
IN TESTIMONY WHEREOF, I have hered  20 Nov 2006  Date	unto set my hand and seal. Hanle B. Kry
	✓ Stanley Kyi
State of Mannachuntts )	
County of Essex )	
On this day of Nymanotary public, personally appeared through satisfactory evidence of identifications.	Matty Kyji , proved to me
	ion which was known to me
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acknowledged to me that s/he signed it vo	n whose name is signed above, and who
acknowledged to me that s/he signed it vo	n whose name is signed above, and who luntarily for its stated purpose.
acknowledged to me that s/he signed it vo	n whose name is signed above, and who luntarily for its stated purpose.  Local Public  JON C. TRACHTENBERG
acknowledged to me that s/he signed it vo	n whose name is signed above, and who luntarily for its stated purpose.

IN TESTIMONY WHEREOF, I have he	reunto set my han	d and seal.
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And the second of the second o	Notary Public	
	[affix seal]	JON C. TRACHTENBERG  Notary Public  Commonwealth of Massachusetts  My Commission Expires  October 6, 2011
IN TESTIMONY WHEREOF, I have he	ereunto set my har	nd and seal.
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	[affix seal] JON C. TRACHTENBERG Notary Public Commonwealth of Massachusetts My. Commission Expires
IN TESTIMONY WHEREOF, I have here	eunto set my hand and seal.
Date	Paul Murray
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notary public, personally appeared have through satisfactory evidence of identifications.	on which was to me on whose name is signed above, and who
	Motar Public
	JON C. TRACHTENBERG  Notary Public  Commonwealth of Massachusetts
	My Commission Expires October 6, 2011

IN TESTIMONY WHEREOF, I have no	ereunto set my nand and seal.
20 Nov 2008 Date	OR Flower
Date	John Sullivan
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County of Essex )	
through satisfactory evidence of identi-	fi <del>cation, which was _ know _ to _nl</del> erson whose name is signed above, and who
	la C. Trachtenberr
e establica de la companya de la co	Notary Public ON C. TRACHTENBERG
	[affix seal]  [Commonwealth of Massachusetts  My Commission Expires  Cotober 6, 2011
IN TESTIMONY WHEREOF, I have he	ereunto set my hand and seal.  Mark Anderson
Date	Mark Anderson
State of Massachusetts )	
County of Exect )	· 域艺
through satisfactory evidence of identi	1008, before me, the undersigned holds proved to me fication, which was home from the me f
acknowledged to me that s/he signed	
からなっている。 8. 24年代後に対している。	Notary Public JON C. TRACHTENBERG
	[affix seal]  [affix seal]  JON C. TRACHTENBERG  Notary Public  Commonwealth of Massachusetts  My Commission Expires

IN TESTIMONY WHEREOF, I have he	reunto set my hand and seal.
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Date	Richard Bringham
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County of Greek	
through satisfactory evidence of identif	rson whose name is signed above, and who
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	Notary Public  JON C. TRACHTENBERG  Notary Public  [affix seal]  Notary Public  Commonwealth of Massachusetts  My Commission Expires
IN TESTIMONY WHEREOF, I have he	
Date	Michael Van Driel
State of )	
County of )	
On this day of notary public, personally appeared through satisfactory evidence of identifi , to be the per acknowledged to me that s/he signed it	son whose name is signed above, and who
	Notary Public
	[affix seal]

IN TESTIMONY WHEREOF, I have hereunto set my hand and seat.)
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Date Waleed H. Hassanein
State of Manochunter )
County of Essex
On this 14th day of 1000 day, before me, the undersigned notary public, personally appeared Walter havening, proved to me
through satisfactory evidence of identification, which was
acknowledged to me that s/he signed it voluntarily for its stated purpose.
La C. Franking ACHTENBERG
Notary Public  Notary Public  Commonwealth of Massachusetts  My Commission Expires
[affix seal] October 6, 2011

Date		Richard Bringham	
State of	)		
County of	)		
notary public, personally hrough satisfactory evic	/ appeared dence of identification , to be the person	on, which was whose name	_, before me, the undersigne , proved to me s is signed above, and who stated purpose.
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Page 11 of 12

#### ASSIGNMENT

WHEREAS, Ihab Abdel Fattah, an individual, whose address is 38 Royal Crest Drive, Apt. 5, Andover, MA 01845 (hereinafter called "ASSIGNOR"), is the inventor of certain new and useful inventions and discoveries, including the following application for United States Patent:

United States Patent Application Number 12/099,717 entitled "Systems and Methods for Ex Vivo Lung Care" filed on April 8, 2008.

WHEREAS, TransMedics, Inc., a corporation, whose address is 200 Minuteman Road, Suite 302, Andover, MA 01810, together with its successors and assigns (hereinafter called "ASSIGNEE") has purchased the application.

WHEREAS, ASSIGNEE is desirous of acquiring the entire title, rights, interests, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to ASSIGNOR, receipt and sufficiency of which ASSIGNOR hereby acknowledges, ASSIGNOR hereby without reservations:

- 1. Assigns, transfers, and conveys to ASSIGNEE, all of ASSIGNOR's entire right, title, and interest in and to said inventions, improvements, discoveries and Patents, any and all other applications for patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all patents, reissues, and extensions of patents granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said patents;
- 2. Authorizes ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

Page 1 of 3

- 3. Authorizes and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct:
- 4. Warrants that ASSIGNOR has not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that ASSIGNOR hereby covenants and warrants that ASSIGNOR has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith;
- 5. Binds ASSIGNOR's heirs, legal representatives, and assigns, as well as ASSIGNOR, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries and said Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by ASSIGNOR, ASSIGNOR's heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to ASSIGNOR relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in ASSIGNOR's control or in the control of ASSIGNOR's heirs, legal representatives, or assigns which may be useful for establishing the facts of ASSIGNOR's conceptions, disclosures, and reduction to practice of said inventions and discoveries;

6. Grants the firm of Wilmer Cutler Pickering Hale and Dorr LLP the power to insert on this Assignment any further identification, including patent and patent application number(s) and filing date(s), which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I have her	reunto set my hand and seal.			
05-01-0R	That is			
Date	lhab Abdel Fattah			
State of )				
County of )				
On this day of way, 2008, before me, the undersigned notary public, personally appeared through satisfactory evidence of identification, which was to be the person whose name is signed above, and who				
acknowledged to me that s/he signed it voluntarily for its stated purpose.				
	Notary Public  [affix seal]  Notary Public  Notary Public  Commonwealth of Massachusetts  My Commission Expires  October 6, 2011			