

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6098845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOA AXELROD	12/06/2015
OREN H. WINTNER	12/07/2015
ERAN GOLDBERG	03/15/2016
DIKLA KERSH	12/08/2015
DANNY M. GARMAHI	03/15/2016
DAN ROTTENBERG	12/06/2015
BOAZ MANASH	01/03/2016
RECEIVING PARTY DATA	
Name:	EDWARDS LIFESCIENCES CORPORATION
Street Address:	ONE EDWARDS WAY
Internal Address:	LEGAL DEPARTMENT
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92614
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16784957
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	9492500806
Email:	maria_castillo3@edwards.com
Correspondent Name:	EDWARDS LIFESCIENCES CORPORATION
Address Line 1:	ONE EDWARDS WAY
Address Line 2:	LEGAL DEPARTMENT
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	8148US03
NAME OF SUBMITTER:	MARIA CASTILLO
SIGNATURE:	/Maria Castillo/

PATENT

DATE SIGNED:	05/08/2020
---------------------	------------

Total Attachments: 15
source=8148US03_ExecutedAssignment#page1.tif
source=8148US03_ExecutedAssignment#page2.tif
source=8148US03_ExecutedAssignment#page3.tif
source=8148US03_ExecutedAssignment#page4.tif
source=8148US03_ExecutedAssignment#page5.tif
source=8148US03_ExecutedAssignment#page6.tif
source=8148US03_ExecutedAssignment#page7.tif
source=8148US03_ExecutedAssignment#page8.tif
source=8148US03_ExecutedAssignment#page9.tif
source=8148US03_ExecutedAssignment#page10.tif
source=8148US03_ExecutedAssignment#page11.tif
source=8148US03_ExecutedAssignment#page12.tif
source=8148US03_ExecutedAssignment#page13.tif
source=8148US03_ExecutedAssignment#page14.tif
source=8148US03_ExecutedAssignment#page15.tif

Whereas, we have invented certain new and useful improvements entitled:

ULTRASOUND PROBE FOR CARDIAC TREATMENT

- for which a provisional application for a United States Letters Patent was filed on
November 17, 2015, as U.S. Application Number 62/256524.
- for which a provisional application for a United States Letters Patent is filed herewith.

Now therefore, in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby convey, transfer and assign to Edwards Lifesciences Corporation (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at One Edwards Way, Irvine, California 92614, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in the above-mentioned invention or improvements, in the above-mentioned provisional application for United States Letters Patent, and any and all other applications for United States Letters Patent and applications in any other countries which we may file, either solely or jointly with others, on said invention or improvements, including any non-provisional U.S. patent applications that claim priority to the above-mentioned provisional application, divisional, continuation and continuation-in-part applications, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of said applications, and in any reissue, reexam or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Edwards Lifesciences Corporation.

We hereby authorize and request the attorneys of record in said application to insert in this Assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all non-provisional U.S. patent applications that claim priority to the above-mentioned provisional application, divisional, continuation, and C-I-P applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue, reexam or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient. For said consideration we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any non-provisional U.S. patent applications that claim priority to the above-mentioned provisional application, division, continuation, or C-I-P thereof, or Letters Patent issued thereon, or any reexam, reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including the right to enforce said patent and to sue for and recover damages and all other remedies arising out of any and all past, present and future infringement or violation of said Letters Patent, and for said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire rights, title and interest in said invention or

improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Dated: 10-Dec-2015

Signature: [Signature]

Typed Name: Arie Tylis
Kiryat Mitzkin, Israel

Witness: Noam Mir [Signature]

Dated: 10-Dec-2015

Dated: _____

Signature: _____

Typed Name: Nikolay Gurovich
Hadera, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Noa Axelrod
Herzeliya, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Eyal Leiba
D.N. Misgav, Israel

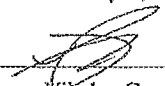
Witness: _____

Dated: _____

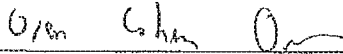
CONTINUED ON NEXT PAGE

improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Dated: _____
Signature: _____
Typed Name: Arie Tyllis
Kiryat Mitzkin, Israel

Dated: 17. Mar 2016
Signature: 
Typed Name: Nikolay Gurovich
Hadera, Israel

Witness: _____
Dated: _____

Witness: 
Dated: 17-MAR-2016

Dated: _____
Signature: _____
Typed Name: Noa Axelrod
Herzeliya, Israel

Dated: _____
Signature: _____
Typed Name: Eyal Leiba
D.N. Misgav, Israel

Witness: _____
Dated: _____

Witness: _____
Dated: _____

CONTINUED ON NEXT PAGE

improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Dated: _____
Signature: _____

Typed Name: Arie Tyllis
Kiryat Mitzkin, Israel

Dated: _____
Signature: _____

Typed Name: Nikolay Gurovich
Haadera, Israel

Witness: _____

Dated: _____

Witness: _____

Dated: _____

Dated: 12 (Dec) - 06 - 2015

Signature: *Noa A.*

Typed Name: Noa Axelrod
Herzliya, Israel

Dated: _____

Signature: _____

Typed Name: Eyal Leiba
D.N. Misgav, Israel

Witness: *Oren Winfar*

Dated: 7/Dec/15

Witness: _____

Dated: _____

CONTINUED ON NEXT PAGE

ASSIGNMENT

Page 2

Docket No.: ADVOP-8148US01

improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Dated: _____
Signature: _____

Typed Name: Arie Tyllis
Kiryat Mitzkin, Israel

Dated: _____
Signature: _____

Typed Name: Nikolay Gurovich
Hadera, Israel

Witness: _____
Dated: _____

Witness: _____
Dated: _____

Dated: _____
Signature: _____

Typed Name: Noa Axelrod
Herzeliya, Israel

Dated: 15 - Mar - 2016
Signature: _____

Typed Name: Eyal Leiba
D.N. Misgav, Israel

Witness: _____
Dated: _____

Witness: Amir Almenfeld
Dated: 15 March 2011

CONTINUED ON NEXT PAGE

Dated: 7/Dec/15
Signature: _____
Typed Name: Oran H. Wintner
Kfar Saba, Israel

Dated: _____
Signature: _____
Typed Name: Eran Goldberg
Nesher, Israel

Witness: Non Axelrod Non. A.

Witness: _____

Dated: 7/Dec/15

Dated: _____

Dated: _____
Signature: _____
Typed Name: Hagar Adika
Tel Aviv, Israel

Dated: _____
Signature: _____
Typed Name: Tal Regev
Tel Mond, Israel

Witness: _____

Witness: _____

Dated: _____

Dated: _____

Dated: _____
Signature: _____
Typed Name: Dikla Kersh
Tel Aviv, Israel

Dated: _____
Signature: _____
Typed Name: Danny M. Gamahi
Hadera, Israel

Witness: _____

Witness: _____

Dated: _____

Dated: _____

CONTINUED ON NEXT PAGE

Dated: _____
Signature: _____

Typed Name: Oren H. Wintner
Kfar Saba, Israel

Witness: _____

Dated: _____

Dated: _____
Signature: _____

Typed Name: Hagar Adika
Tel Aviv, Israel

Witness: _____

Dated: _____

Dated: _____
Signature: _____

Typed Name: Dikla Kersh
Tel Aviv, Israel

Witness: _____

Dated: _____

Dated: 15 MAR. 2016
Signature: _____

Typed Name: Eran Goldberg
Nesher, Israel

Witness: OFIR WITZMAN

Dated: 15 MAR. 2016

Dated: _____
Signature: _____

Typed Name: Tal Regev
Tel Mond, Israel

Witness: _____

Dated: _____

Dated: 15 MAR. 2016
Signature: _____

Typed Name: Danny M. Garnahi
Hadera, Israel

Witness: Livon Targab

Dated: 15 Mar 16

CONTINUED ON NEXT PAGE

Dated: _____

Signature: _____

Typed Name: Oren H. Winter
Kfar Saba, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Eran Goldberg
Nesher, Israel

Witness: _____

Dated: _____

Dated: 15.2.16

Signature: _____

Typed Name: Hagar Adika
Tel Aviv, Israel

Witness: Mas-

Dated: 15.2.16.

Dated: _____

Signature: _____

Typed Name: Tal Regev
Tel Mond, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Dikla Kersh
Tel Aviv, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Danny M. Garnahi
Hadera, Israel

Witness: _____

Dated: _____

CONTINUED ON NEXT PAGE

Dated: _____

Signature: _____

Typed Name: Oren H. Wintner
Kfar Saba, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Eran Goldberg
Nesher, Israel

Witness: _____

Dated: _____

Dated: _____

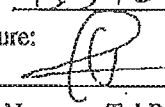
Signature: _____

Typed Name: Hagar Adika
Tel Aviv, Israel


Witness: _____

Dated: _____

Dated: 15.5.16

Signature: 

Typed Name: Tal Regev
Tel Mond, Israel

Witness: 

Dated: 15/5/16

Dated: _____

Signature: _____

Typed Name: Dikla Kersh
Tel Aviv, Israel

Witness: _____

Dated: _____

Dated: _____

Signature: _____

Typed Name: Danny M. Garnahi
Hadera, Israel

Witness: _____

Dated: _____

CONTINUED ON NEXT PAGE

Dated: _____
Signature: _____

Typed Name: Oren H. Winter
Kfar Saba, Israel

Witness: _____

Dated: _____

Dated: _____
Signature: _____

Typed Name: Hagar Adlka
Tel Aviv, Israel

Witness: _____

Dated: _____

Dated: _____
Signature: _____

Typed Name: Eran Goldberg
Nesher, Israel

Witness: _____

Dated: _____

Dated: _____
Signature: _____

Typed Name: Tal Regev
Tel Mond, Israel

Witness: _____

Dated: _____

Dated: 8 Dec 15
Signature: *[Handwritten Signature]*

Typed Name: Dikla Kersh
Tel Aviv, Israel

Witness: *Alexey Tsyrenyuk*

Dated: *8-Dec-2015*

Dated: _____
Signature: _____

Typed Name: Danny M. Garnahi
Hadera, Israel

Witness: _____

Dated: _____

CONTINUED ON NEXT PAGE

Dated: 12/04/2015

Signature: [Handwritten Signature]

Typed Name: Tri D. Tran
Fountain Valley, California

Dated: _____

Signature: _____

Typed Name: Dan Rottenberg
Haifa, Israel

State of _____, County of _____

Witness: _____

Dated: _____

On _____ before me
_____, Notary Public,
personally appeared

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary
(Seal)

CONTINUED ON NEXT PAGE

ALL-PURPOSE ACKNOWLEDGMENT

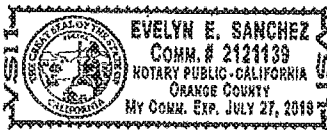
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this Certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
 County of ORANGE } SS.

On 12-4-2015, before me, EVELYN E. SANCHEZ, Notary Public,
DATE

personally appeared TRI DINH TRAN, who proved to me on the

basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Evelyn E. Sanchez
 NOTARY'S SIGNATURE

PLACE NOTARY SEAL IN ABOVE SPACE

OPTIONAL INFORMATION

The information below is optional. However, it may prove valuable and could prevent fraudulent attachment of this form to an unauthorized document.

CAPACITY CLAIMED BY SIGNER (PRINCIPAL)

- INDIVIDUAL
- CORPORATE OFFICER _____
TITLE(S)
- PARTNER(S)
- ATTORNEY-IN-FACT
- GUARDIAN/CONSERVATOR
- SUBSCRIBING WITNESS
- OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

TITLE OR TYPE OF DOCUMENT

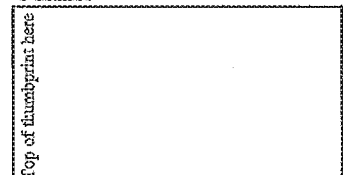
NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER (PRINCIPAL) IS REPRESENTING:
 NAME OF PERSON(S) OR ENTITY(IES)

RIGHT
 THUMBPRINT
 OF
 SIGNER

OTHER



Dated: _____

Signature: _____

Typed Name: Tri D. Tran
Fountain Valley, California

State of _____, County of _____

On _____ before me
_____, Notary Public,
personally appeared

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary
(Seal)

CONTINUED ON NEXT PAGE

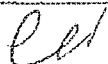
Dated: DEC. 6, 2015

Signature: _____

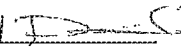
Typed Name: Dan Rottenberg
Haifa, Israel

Witness: Margal Segor

Dated: Dec. 6, 2015

Dated: 3 - Jan - 2016
Signature: 
Typed Name: Boaz Manash
Givat Ada, Israel

Dated: _____
Signature: _____
Typed Name: Carmel Peleg
Tel Aviv, Israel

Witness: Darshin Patel 
Dated: 3 Jan 2016


Witness: _____
Dated: _____

Dated: _____
Signature: _____

Typed Name: Boaz Manash
Givat Ada, Israel

Witness: _____

Dated: _____

Dated: 06-Dec-2015
Signature: 

Typed Name: Carmel Peleg
Tel Aviv, Israel

Witness: Michael Barin

Dated: 06/Dec/2015