

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2742507

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>RAFAEL PINTOR</td><td>02/14/2014</td></tr><tr><td>MICHAEL J. SCOTT</td><td>02/25/2014</td></tr><tr><td>QINGGANG ZENG</td><td>02/18/2014</td></tr><tr><td>GRACE M. KIM</td><td>02/17/2014</td></tr><tr><td>VISITH CHUNG</td><td>02/14/2014</td></tr><tr><td>LOUIS A. CAMPBELL</td><td>02/14/2014</td></tr><tr><td>DAVID S. LIN</td><td>02/18/2014</td></tr><tr><td>PENG NORASING</td><td>02/14/2014</td></tr><tr><td>EDWIN T. TA</td><td>02/14/2014</td></tr></tbody></table>		Name	Execution Date	RAFAEL PINTOR	02/14/2014	MICHAEL J. SCOTT	02/25/2014	QINGGANG ZENG	02/18/2014	GRACE M. KIM	02/17/2014	VISITH CHUNG	02/14/2014	LOUIS A. CAMPBELL	02/14/2014	DAVID S. LIN	02/18/2014	PENG NORASING	02/14/2014	EDWIN T. TA	02/14/2014
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RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>Edwards Lifesciences Corporation</td></tr><tr><td>Street Address:</td><td>One Edwards Way</td></tr><tr><td>Internal Address:</td><td>c/o Legal Department (AnneMarie Kaiser)</td></tr><tr><td>City:</td><td>Irvine</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92614</td></tr></table>		Name:	Edwards Lifesciences Corporation	Street Address:	One Edwards Way	Internal Address:	c/o Legal Department (AnneMarie Kaiser)	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92614								
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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>13797591</td></tr></tbody></table>		Property Type	Number	Application Number:	13797591																
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Application Number:	13797591																				
CORRESPONDENCE DATA																					
Fax Number:	(949)250-6885																				
Phone:	949-250-2574																				
Email:	shae_rivera@edwards.com																				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																					
Correspondent Name:	EDWARDS LIFESCIENCES																				
Address Line 1:	ONE EDWARDS WAY																				

Address Line 2: C/O LEGAL DEPARTMENT (ANNEMARIE KAISER)
Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER: HVTQC-6368CP2

NAME OF SUBMITTER: ANNEMARIE KAISER, REG. NO. 37,649

Signature: /AnneMarie Kaiser/

Date: 02/25/2014

Total Attachments: 7

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

RAPIDLY DEPLOYABLE SURGICAL HEART VALVES

☒ for which an application for a United States Letters Patent was filed on March 12, 2013,
as U.S. Application Number 13/797,591.

☐ for which an 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 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 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 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 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: Feb 14th, 2014Signature: Rafael Pintor

Typed Name: Rafael Pintor
Mission Viejo, California

Dated: _____

Signature: _____

Typed Name: Michael J. Scott
San Diego, California

State of CA, County of ORANGE

On FEBRUARY 14, 2014 before me
EILEEN COR, Notary Public,
personally appeared

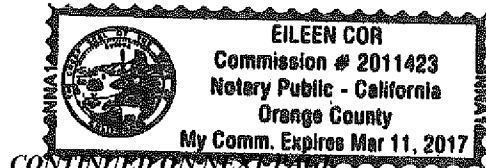
RAFAEL PINTOR,
who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and
acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and
that by his/her/their signature(s) on the instrument
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]
Signature of Notary

(Seal)



CONTINUED ON NEXT PAGE

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
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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)

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: _____

Signature: _____

Typed Name: Rafael Pintor
Mission Viejo, 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)

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Dated: 2/25/2014Signature: [Signature]

Typed Name: Michael J. Scott
San Diego, California

State of California, County of San Diego

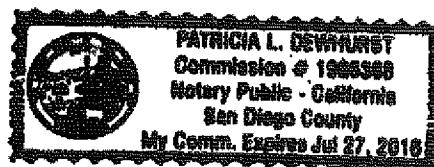
On February 25 2014 before me
Patricia L. Dewhurst Notary Public,
personally appeared
Michael J. Scott,



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]
Signature of Notary
(Seal)

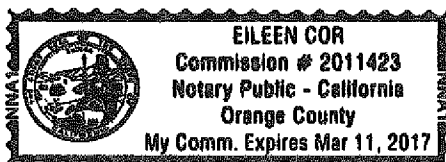


Dated: 2/18/2014Signature: Typed Name: Qinggang Zeng
Irvine, CaliforniaDated: 2/17/14Signature: Typed Name: Grace M. Kim
Seal Beach, CaliforniaState of CA, County of ORANGEOn FEBRUARY 18, 2014 before me
EILEEN COR, Notary Public,
personally appearedQINGGANG ZENG,
who proved to me on the basis of satisfactory
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.

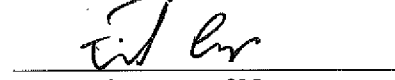
WITNESS my hand and official seal.


Signature of Notary

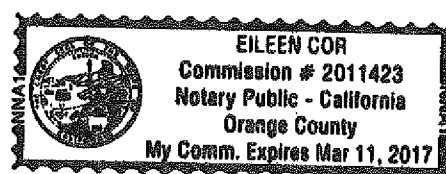
(Seal)

State of CA, County of ORANGEOn FEBRUARY 17, 2014 before me
EILEEN COR, Notary Public,
personally appearedGRACE M. KIM,
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)



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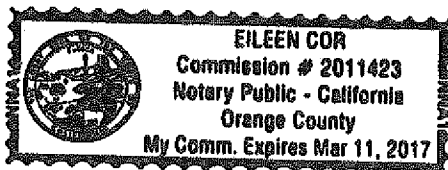
Dated: 02/14/14Signature: *Visith Chung*Typed Name: Visith Chung
Chino Hills, CaliforniaDated: 2/14/14Signature: *Louis A. Campbell*Typed Name: Louis A. Campbell
Santa Ana, CaliforniaState of CA, County of ORANGE

On FEBRUARY 14, 2014 before me
EILEEN COR, Notary Public,
personally appeared
VISITH CHUNG,
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
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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.

Eileen Cor
Signature of Notary
(Seal)

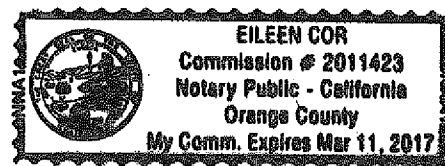
State of CA, County of ORANGE

On FEBRUARY 14, 2014 before me
EILEEN COR, Notary Public,
personally appeared
LOUIS A. CAMPBELL,
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.


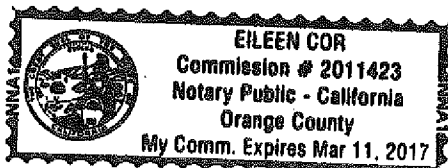
Eileen Cor
Signature of Notary
(Seal)



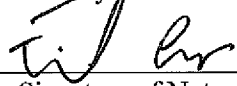
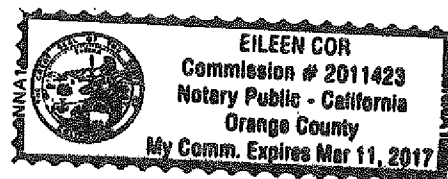
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Dated: 2/18/2014Signature: David S LinTyped Name: David S. Lin
Irvine, CaliforniaState of CA, County of ORANGEOn FEBRUARY 18, 2014 before me
EILEEN COR, Notary Public,
personally appearedDAVID S. LIN,
who proved to me on the basis of satisfactory
evidence 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)Dated: 2/14/2014Signature: Peng NorasingTyped Name: Peng Norasing
Corona, CaliforniaState of CA, County of ORANGEOn FEBRUARY 14, 2014 before me
EILEEN COR, Notary Public,
personally appearedPENG NORASING,
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)

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Dated: FEB. 14, 2014

Signature: _____

Typed Name: Edwin T. Ta
Irvine, California

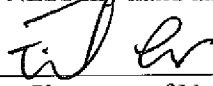
Dated: _____

Signature: _____

Typed Name: _____

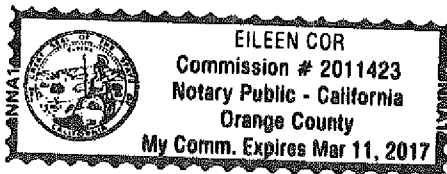
State of CA, County of ORANGEOn FEBRUARY 14, 2014 before me
EILEEN COR, Notary Public,
personally appearedEDWIN T. TA,
who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and
acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and
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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)



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
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Signature of Notary
(Seal)