## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Alain Carpentier	11/06/2009
Hung Ly Lam	12/05/2008
Richard S. Rhee	03/04/2008
Robert Frater MD	11/21/2008
Stefan G. Schreck	12/23/2008
William J. Recktenwald	11/24/2008
Diana Nguyen-Thien Nhon	12/18/2008

### **RECEIVING PARTY DATA**

Name:	Edwards Lifesciences Corporation
Street Address:	One Edwards Way
Internal Address:	Legal Department (c/o Rajiv Yadav)
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92614

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12557404

### **CORRESPONDENCE DATA**

Fax Number: (949)250-6885

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

Phone: 949-250-6801

Email: corrinn\_davis@edwards.com

Correspondent Name: Edwards Lifesciences
Address Line 1: One Edwards Way

Address Line 2: Legal Department (c/o Rajiv Yadav)

Address Line 4: Irvine, CALIFORNIA 92614

PATENT

REEL: 023644 FRAME: 0271

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ATTORNEY DOCKET NUMBER:	ECV-5413CIP2CON4	
NAME OF SUBMITTER:	Rajiv Yadav, Reg. No. 43,999	
Total Attachments: 9		
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Whereas, we have invented certain new and useful improvements entitled <u>FLEXIBLE HEART VALVE</u> <u>AND ASSOCIATED CONNECTING BAND</u>

X for which an application for a United States Letters Patent was filed on August 8, 2008
Application Number 12/188,826.

\_\_\_ 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, 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:	
Dated: Nor 6/2009	Signature:	
Signature: X Typed Name: Alain Carpentier  44 Rue Cortambert  Paris, France 75016	Typed Name: Hung Ly Lam 4208 California Avenue Norco, California 91760	
WITNESS		
Date:	State of, County of	
Signature:		
Name:	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)	

executed in connection with any and all applications for foreign	n Letters Patent therefor, including the prosecution said foreign applications and patents in said a	ion thereof,
and to execute any and all documents necessary to invest title	in said foreign applications and pateins in said a	saighte.;
Dated: 12-06-2008	Dated:	i,
Signature:	Signature:	
Typed Name: Hung Ly Lam	Typed Name Richard S. Rhee	1
4208 California Avenue	2344 Darrin Drive	
Norco, California 91760	Diamond Bar, California 91765	<u>'\</u>
State of California County of Riverside		֥
	State of, County of	ž.
On 12-05-2005 before me		
On 12-05-2005 before me Rekha 19200 Notary Public, personally appeared	On before me	
Hung Ly lam	, Notary Public, perso	mally 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/ske/they executed	who proved to me on the basis of satisfactory evid	
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instrument.	entity upon behalf of which the person(s) acted instrument.	i, executed the
I certify under PENALTY OF PERJURY under the laws of the		• •
State of California that the foregoing paragraph is true and	I certify under PENALTY OF PERJURY under t	the laws of the
correct.	State of California that the foregoing paragrap	h is true and
	correct.	
WITNESS my hand and official seal. REKHA MADON		,
Commission # 1767194 S	WITNESS my hand and official seal.	
Riverside County		
PEKLA 1278-0 My Comm. Biplies Sep 11, 2011		
Signature of Notary (Seal)		, all
	Signature of Notary	(Seal)
Dated:	Dated:	ž
Signature:	Signature:	
Typed Name: Robert Frater, MD	Typed Name Stefan G. Schreck 2057 White Birch Drive	ł
17 Gladwin Place Bronxville, New York 10708	Vista, California 92083	· ·
Blowkyllie, New Tork 10708	Yisia, California 72005	·
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On before me	, sound, or	3.0
, Notary Public, personally appeared	Onbefore me	
, rotary rubile, personany appeared	, Notary Public, perso	mally appeared
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person(s) whose name(s) is/are subscribed to the within	who proved to me on the basis of satisfactory evid	dence to be the
instrument and acknowledged to me that he/she/they executed	person(s) whose name(s) is/are subscribed to	
the same in his/her/their authorized capacity(ies), and that by	instrument and acknowledged to me that he/she	they executed:

his/her/their signature(s) on the instrument the person(s), or the same in his/her/their authorized capacity(ies), and that by

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. Signature: Typed Name Richard S. Rhee Typed Name: Hung Ly Lam 553 South Sunnyhill Way 4208 California Avenue Norco, California 91760 Anaheim Hills, Ca 92808 State of , County of \_\_\_\_\_ State of CA, County of Overnga On \_\_\_\_\_\_ before me On MANCH 4, 2009 before me \_\_\_\_\_, Notary Public, personally appeared NAMEY MARINO, Notary Public, personally appeared Richard Rhee, 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 who proved to me on the basis of satisfactory evidence to be the and acknowledged to me that he/she/they executed the same in person(s) whose name(s) is/are subscribed to the within instrument his/her/their authorized capacity(ies), and that by his/her/their and acknowledged to me that he/she/they executed the same in signature(s) on the instrument the person(s), or entity upon behalf of his/her/their authorized capacity(jes), and that by his/her/their which the person(s) acted, executed the instrument. 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. 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. WITNESS my hand and official seal. NANCY MARINO Commission # 1816284 Notary Public - California (Seal) Signature of Notary Orange County My Comm. Existing Oct 6, 2012 Signature of Notar Dated: March 4. Dated: \_\_\_\_\_ Signature: Signature: Typed Name Stefan G. Schreck Typed Name: Robert Frater, MD 2057 White Birch Drive 17 Gladwin Place Vista, California 92083 Bronxville, New York 10708 State of \_\_\_\_\_, County of \_\_\_\_\_ State of , County of , Notary Public, personally appeared \_\_\_\_\_, 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 who proved to me on the basis of satisfactory evidence to be the and acknowledged to me that he/she/they executed the same in person(s) whose name(s) is/are subscribed to the within instrument his/her/their authorized capacity(ies), and that by his/her/their and acknowledged to me that he/she/they executed the same in

signature(s) on the instrument the person(s), or entity upon behalf of

I certify under PENALTY OF PERJURY under the laws of the

which the person(s) acted, executed the instrument.

PATENT REEL: 023644 FRAME: 0276

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.

ASSIGNMENT

Docket No.: ECV-5413CP2CN2

the same in his/her/their authorized capacity(ies), and that by

his/her/their signature(s) on the instrument the person(s), or

executed in connection with any and all applications for foreig and to execute any and all documents necessary to invest title	n Letters Patent therefor, including the prosecu	ition thereof,
and to execute any and an documents necessary to invest the		assignee.;
Dated:	Dated:	1'
Signature:	Signature:	or
Typed Name: Hung Ly Lam	Typed Name Richard S. Rhee	1
4208 California Avenue	2344 Darrin Drive	l
Norco, California 91760	Diamond Bar, California 91765	<u> </u>
		\$
State of, County of		
	State of, County of	Ž.
On before me		*
, Notary Public, personally appeared	Onbefore me	
		sonally appeared
who proved to me on the basis of satisfactory evidence to be the	Notary Public, per	вонану аррсагос
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.	who proved to me on the basis of satisfactory experson(s) whose name(s) is/are subscribed instrument and acknowledged to me that he/sl the same in his/her/their authorized capacity(i his/her/their signature(s) on the instrument the entity upon behalf of which the person(s) actorinstrument.	to the within he/they executed es), and that by he person(s), or
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	I certify under PENALTY OF PERJURY under State of California that the foregoing paragra correct.	
WITNESS my hand and official seal.	WITNESS my hand and official seal.	<i>i</i> .
Signature of Notary (Seal)		<i>\$</i> .
-	Signature of Notary	(Seal)
Dated: Nw2 (1)	Dated:	
Signature:	Signature:	
Typed Name: Robert Frater, MD	Typed Name Stefan G. Schreck	į
12 Gladwin Place 24 Prescott Ave	2057 White Birch Drive	*
Bronxville, New York 10708	Vista, California 92083	ì
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State of VY, County of Vestchester		
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a Ans 21 2 2 2 2	State of, County of	2.
On 1101, 21, 2008 before me		
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Rober Fate	, Notary Public, pers	sonally 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	who proved to me on the basis of satisfactory ev	
instrument and acknowledged to me that he/she/they executed	person(s) whose name(s) is/are subscribed	to the within

PATENT REEL: 023644 FRAME: 0277

instrument and acknowledged to me that he/she/they executed

the same in his/her/their authorized capacity(ies), and that by

ASSIGNMENT

Docket No.: ECV-5413CP2CN2

instrument.

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

entity upon behalf of which the person(s) acted, executed the 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 orneral sear.	WITNESS my hand and official seal.	i
KAREM A. BUCCHERI  Notary Rublic State of New York  Outlined in Westchester CountySeal)		<i>X</i> ,
Signature of Notation Expires May 24, 2012	Signature of Notary	(Seal)
Dated:		
Signature:		0.
Typed Name: William J. Recktenwald 9314 Pinyon Court Clarence Ctr., New York 14032		i. 1. 1
Clarence Cir., New Tork 14032		i
State of, County of		Ŧ
On before me		1
, Notary Public, personally appeared		3
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		4 9 
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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.		
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Signature of Notary (Seal)		i

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Docket No.: ECV-5413CP2CN2

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:	Dated:	1.	
Signature:	Signature:		
Typed Name: Hung Ly Lam	Typed Name Richard S. Rhee	.7	
4208 California Avenue	2344 Darrin Drive	*	
Norco, California 91760	Diamond Bar, California 91765		
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State of, County of			
	State of, County of	ž,	
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entity upon behalf of which the person(s) acted, executed			
instrument.	2 2	entity upon behalf of which the person(s) acted, executed the	
	instrument	÷	
I certify under PENALTY OF PERJURY under the laws of			
State of California that the foregoing paragraph is true			
correct.	State of California that the foregoing paragra	ph is true and	
	correct.		
WITNESS my hand and official seal.			
	WITNESS my hand and official seal.		
Signature of Notary (Seal)	l	i	
Signature of House	Signature of Notary	(Seal)	
Dated:	Dated: 12 - 23 - 2008	(3242)	
	Signature: //sefan schreck	4,2	
Signature:	Typed Name Stefan G. Schreck	:	
Typed Name: Robert Frater, MD 17 Gladwin Place	2057 White Birch Drive 4962 Caroline Lane	<u>.</u>	
Bronxville, New York 10708	Vista, California 92083 Fall brook, CA 92026	Ca :	
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, Notary Public, personally appea	ared On before me	1	
	, Notary Public, personal	onally appeared	
who proved to me on the basis of satisfactory evidence to be			
person(s) whose name(s) is/are subscribed to the wi	, , , , , , , , , , , , , , , , , , ,		
instrument and acknowledged to me that he/she/they exect	. P(-)		
the same in his/her/their authorized capacity(ies), and that	t by instrument and acknowledged to me that he/sh-	e/they executed	

his/her/their signature(s) on the instrument the person(s), or

PATENT REEL: 023644 FRAME: 0279

the same in his/her/their authorized capacity(ies), and that by

(Seal)

Docket No.: ECV-5413CP2CN2

Signature of Notary

instrument.

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

entity upon behalf of which the person(s) acted, executed the 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.

	0011000
WITNESS my hand and official scal	
MOTARY PUBLIC State of New York Ouggred in Frie County	WITNESS my hand and official seal.
Coouniscion Expins	
Signature of Notary (Seal)	
Dated: 11/24/08 THE Signature:	Signature of Notary
Typed Name: William J. Recktenwald	
9314 Pinyon Court	
Clarence Ctr., New York 14032	
State of NY, County of ERIE	
on NOVEMBER 24th before me	
Judith 60 oct, Notary Public, personally appeared William Reckterworld,	
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 quita a Stock	
JUINTH A. GOOCH NOTARY PUBLIC, State of New York	
Qualified in Erie County	
Commission to the Co. 3 - 3	

(Seal)

State of California that the foregoing paragraph is true and correct.	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.	WITNESS my hand and official seal.
	2 Marino
Signature of Notary (Seal)	Signature of Notary (Seal)
Dated:	Dated: 12-18-2008 Signature: Dian MMM The Whan
Signature:	Signature: Dia MM3N-Mu- Whi
Typed Name: William J. Recktenwald	Typed Name: Diana Nguyen-Thien-Nhon
9314 Pinyon Court	5 Dewberry Way
Clarence Ctr., New York 14032	Irvine, California 92612
	State of <u>CA</u> , County of <u>Orang</u> C On <u>Dec 18, 2008</u> before me
State of, County of	20. 10. 200
	On VCC 18, 2008 before me
On before me	NARCH MARINO, Notary Public, personally appeared
, Notary Public, personally appeared	SIANA MULYEN THEN MAEN.
	who proved to me on the basis of satisfactory evidence to be the
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
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
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
signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.	which the person(s) acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	State of California that the foregoing paragraph is the condition of the MARCY MARINO  Complesion # 1816204
•	WITNESS my hand and official seat Motery Public - California
WITNESS my hand and official seal.	Marino Cresco County the Comm. Emira Co. 6. 2012
	Signature of Notary (Seal)
Signature of Notary (Seal)	

**RECORDED: 12/11/2009**