506357295 11/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUY NGUYEN	02/07/2012
KIM D. NGUYEN	02/07/2012
THANH V. NGUYEN	02/06/2012

RECEIVING PARTY DATA

Name:	EDWARDS LIFESCIENCES CORPORATION
Street Address:	ONE EDWARDS WAY
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92614

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17077673

CORRESPONDENCE DATA

Fax Number: (949)250-6850

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: 9492505441

Email: NINA SANCHEZ@EDWARDS.COM

Correspondent Name: NINA BURCHERI-SANCHEZ

Address Line 1: ONE EDWARDS WAY

Address Line 2: LEGAL DEPT

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	THVDL-6108US12
NAME OF SUBMITTER:	NINA BURCHERI-SANCHEZ
SIGNATURE:	/NINA BURCHERI-SANCHEZ/
DATE SIGNED:	11/16/2020

Total Attachments: 4

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> **PATENT REEL: 054382 FRAME: 0283** 506357295

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PATENT REEL: 054382 FRAME: 0284 Docket No.: PVI-6108CIP

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

EXPANDABLE SHEATH FOR INTRODUCING AN ENDOVASCULAR DEVICE INTO A BODY

X	for which an application for a United States Letters Patent was filed on <u>December 6, 2011</u> , a U.S. Application Number <u>13/312,739</u> .	S
	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

Docket No.: PVI-6108CIP

(Joint Inventors) Page 2

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: Tele 3 to 2012 Signature: // 2 1	Dated:		
Typed Name Duy Nguyen Corona, CA	Typed Name:	Kim Nguyen Irvine, CA	
State of Calif., County of Drange	State of	, County of	
On 2-7-12 before me	On	before me	
Saliy Box cong to, Notary Public, personally appeared		, Notary Public,	
personally appeared DULL NOR ULA	personally apps	ared	
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.	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	I certify under I	PENALTY OF PERJURY under	
the laws of the State of California that the	the laws of the State of California that the		
foregoing paragraph is true and correct,	foregoing parag	graph is true and correct.	
WINESS my hand and official seal.	WITNESS my	hand and official seal.	
Signature of Notary	Signatur	e of Notary	
SALLY BARRINGTON Commission # 1811859 Notary Public - California Orange County	(Seal)		

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ASSIGNMENT (Joint Inventors) Page 2

Docket No.: PVI-6108CIP

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: Feb 7 th, 2012 Signature:		
Signature:			
Typed Name: Duy Nguyen Corona, CA	Typed Name: Kim Nguyen Irvine, CA		
State of, County of	State of Calf, County of Drange		
On before me	On $2-7-12$ before me		
, Notary Public, personally appeared	Sally Barring 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	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.		
the laws of the State of California that the	I certify under PENALTY OF PERJURY under the laws of the State of California that the		
foregoing paragraph is true and correct.	foregoing paragraph is true and correct.		
WITNESS my hand and official seal.	WITNESS my hand and official scal.		
Signature of Notary	Signature of Notary		
(Seal)	(Seal)		

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Dated: <u>02/06/201</u>2

Signature:

Typed Name:

Thanh V. Nguyen Irvine, CA

State of CA , County of CHANGE

On ERRHANG 6, 2023 before me Lycken 2 Davis, Notary Public, personally appeared

TELENAL V NECUEN

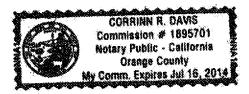
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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



3