PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Changlin Pang	03/22/2011
Jason Shih	03/22/2011
Fukang Jiang	03/22/2011
Sean Caffey	03/22/2011
Mark Humayun	03/22/2011
Yu-Chong Tai	03/22/2011

RECEIVING PARTY DATA

Name:	MiniPumps, LLC
Street Address:	319 30th Street
City:	Manhattan Beach
State/Country:	CALIFORNIA
Postal Code:	90266

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12463265

CORRESPONDENCE DATA

Fax Number: (202)373-6001

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

6179518770 Phone:

nicole.deane@bingham.com Email:

Correspondent Name: Steven J. Frank

Address Line 1: Bingham McCutchen LLP Address Line 2: 2020 K Street, NW

Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER: **RPN-007**

PATENT

REEL: 026015 FRAME: 0880

501478515

NAME OF SUBMITTER:	Steven J. Frank/N.Deane
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PATENT REEL: 026015 FRAME: 0881

ASSIGNMENT

WHEREAS, We, Changlin Pang, Jason Shih, Fukang Jiang, Sean Caffey, Mark Humayun and Yu-Chong Tai have invented one or more inventions described in an application for Letters Patent of the United States entitled:

IMPLANTABLE PUMPS AND CANNULAS THEREFOR

and identified by

Serial No. 12/463,265 filed in the United States Patent Office on May 8, 2009; and

WHEREAS, MiniPumps, LLC, a limited liability corporation organized and existing under the laws of Delaware, and having a usual place of business at 319 30th Street, Manhattan Beach, California 90266 (hereinafter "ASSIGNEE"), desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, continuations-inpart, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, continuation-in-part, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

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AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment; if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

			American manufacture of the second
		Changsin Pang	
United States of A	merica)	
State of) ss.:	
County of)	
On this	day of	y	, before me
personally came	Changlin Pang	, to me l	known to be the individual
described in and w of the same.	ho executed the foreg	oing instrument, and ackn	nowledged execution
		Notary Public	

Nowy Public (Seal)

WITNESS my hand and official seal.

ACKNOWLEDGMENT

PATENT REEL: 026015 FRAME: 0884

MATTHEW DAVIS

COMM. #1842374 Rotary Public - California O

Los Angeles County Comm. Expires Nar. 28, 2013 Joint Assignment U.S. Serial No. 12/463,265 Page 3 of 7

	J _{g8502-85ih}	
nerica	<u>)</u>	
) ss.:	
)	
day of	*	, before me
Jason Shih	, to m	e known to be the individual
ho executed the for	regoing instrument, and ac	knowledged execution
	Notary Public	
	Jason Shih	Jason Shih day of Jason Shih ho executed the foregoing instrument, and ac

ACKNOWLEDGMENT State of California County of US PARKLES __ before me, <u>Matthew Davis, ১০০০ হৈ ১০০০</u> (insert name and title of the officer) 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. MATTHEN DAVIS WITNESS my hand and official seal. COMM. #1842374 Notary Public - California Los Angeles County My Comm. Expires Mar. 28, 2013

(Seal)

Joint Assignment U.S. Serial No. 12/463,265 Page 4 of 7

			and the state of t
		Fukang Jiang	·
United States of A	merica)	
State of) ss.:	
County of			
On this	day of	,	, before me
personally came	Fukang Jiang	, to me l	cnown to be the individual
described in and w	ho executed the foreg	going instrument, and ackr	owledged execution
of the same.			
		Notary Public	

ACKNOWLEDGMENT

State of California County of <u>\mathrid</u>)	
On <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	Matthew Davis , Notern Tablic C
personally appeared <u>FARAMA</u> <u>) AN</u> who proved to me on the basis of satisfactory e subscribed to the within instrument and acknow	vidence to be the person(s) whose name(s) is/are reledged to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under t paragraph is true and correct.	he laws of the State of California that the foregoing
WITNESS my hand and official seal.	MATTHEW DAVIS COMM. #1842374
Signature Water Signature	Motary Public - California & Los Angeles County My Comm. Expires Mar. 28, 2013

Joint Assignment U.S. Serial No. 12/463,	265		
Page 5 of 7		/mm	
		/	
		No. 1 d	
		Sean Calley	
United States of Ar	merica	-V + 0	
State of) SS.:	
County of)	
On this	day of	3	, before me
personally came	Sean Caffey	, to me l	cnown to be the individual
	ho executed the fore	egoing instrument, and ackn	owledged execution
of the same.			
		Notary Public	

ACKNOWLEDGMENT

State of California County of \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
On <u>NAKAA で, 2011</u> before me,	Matthew Davis 、Notation (でなか) に (insert name and title of the officer)
subscribed to the within instrument and acknow his/her/their authorized capacity(ies), and that be person(s), or the entity upon behalf of which the	vidence to be the person(s) whose name(s) is/are ledged to me that he/she/they executed the same in y his/her/their signature(s) on the instrument the person(s) acted, executed the instrument. The laws of the State of California that the foregoing
paragraph is true and correct.	to any or the older of banding that the foregoing
WITNESS my hand and official seal.	MATTHEW DAVIS COMM. #1842374 Notary Public - California
Signature 1	Z (Marine)

Joint Assignment U.S. Serial No. 12/463,265 Page 6 of 7

		Mark Humayan	
United States of Ar	merica)	
State of) ss.:	
County of			
On this	day of		, before me
personally came	Mark Humayun	, to n	ne known to be the individual
described in and woof the same.	ho executed the fore	going instrument, and a	cknowledged execution
		Notary Publi	ie

ACKNOWLEDGMENT

State of California County of <u>La Angelles</u>)	
On NARCA 72, 701\ before me,	Matthew Davis, Namey 194 bitt
error Elles an access a g ost an est a monomor ten monte.	(insert name and title of the officer)
subscribed to the within instrument and acknow	vidence to be the person(s) whose name(s) is/are riedged to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under t paragraph is true and correct.	he laws of the State of California that the foregoing
WITNESS my hand and official seal.	MATTHEW DAVIS COMM. #1842374 Notary Public - California Los Angeles County
Signature V	(Seal) My Comm. Expires Mar. 28, 2013 (

Joint Assignment U.S. Serial No. 12/463,265 Page 7 of 7

		Marie Commence of the Commence		
		Yu-Chong Tai		
United States of America)		
State of) ss.:		
County of)		
On this	day of		, before me	
personally came	Yu-Chong Tai	, to me	known to be the individual	
described in and wo	ho executed the fores	going instrument, and ack	nowledged execution	
		Notary Public		

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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.

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

ACKNOWLEDGMENT

WITNESS my hand and official seal.

Signature 1/11 Signature (Seal

MATTHEW DAVIS
COMM. #1842374 Z
Notary Public - California Z
Los Angeles County
My Comm. Expires Nar. 28, 2013

PATENT REEL: 026015 FRAME: 0894

RECORDED: 03/24/2011