Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONV	OF CONVEYANCE: ASSIGNMENT			
CONVEYING PART	Y DATA			
		Name	Execution Date	
Changlin Pang			03/22/2011	
Fukang Jiang			03/22/2011	
Jason Shih			03/22/2011	
Sean Caffey			03/22/2011	
Mark Humayun			03/22/2011	
Yu-Chong Tai			03/22/2011	
Jeffrey Brennan			03/22/2011	
Raymond Peck			03/30/2011	
RECEIVING PARTY	Y DATA			
Name:	MiniPumps, L	LC		
Street Address:	319 30th Stre			
City:	Manhattan B	anhattan Beach		
State/Country:				
Postal Code:	90266			
PROPERTY NUMB	ERS Total: 1			
Property			Number	
Application Number: 12463255				
	CE DATA			
Fax Number:	(202)373			
<i>Correspondence wi</i> Phone:	<i>ill be sent via US</i> 6179518	Mail when the fax attempt is unsuc	ccesstul.	
Phone: Email:		eane@bingham.com		
Correspondent Nan				
Address Line 1:		n McCutchen LLP		
Address Line 2:	2020 K S	Street, NW		
Address Line 4:	Washing	oton, DISTRICT OF COLUMBIA 20	006	
			PATENT	

ATTORNEY DOCKET NUMBER:	RPN-011C
NAME OF SUBMITTER:	Steven J. Frank/N.Deane
Total Attachments: 25	
source=RPN011Cassignment#page1.tif	
source=RPN011Cassignment#page2.tif	
source=RPN011Cassignment#page3.tif	
source=RPN011Cassignment#page4.tif	
source=RPN011Cassignment#page5.tif	
source=RPN011Cassignment#page6.tif	
source=RPN011Cassignment#page7.tif	
source=RPN011Cassignment#page8.tif	
source=RPN011Cassignment#page9.tif	
source=RPN011Cassignment#page10.tif	
source=RPN011Cassignment#page11.tif	
source=RPN011Cassignment#page12.tif	
source=RPN011Cassignment#page13.tif	
source=RPN011Cassignment#page14.tif	
source=RPN011Cassignment#page15.tif	
source=RPN011Cassignment#page16.tif	
source=RPN011Cassignment#page17.tif	
source=RPN011Cassignment#page18.tif	
source=RPN011Cassignment#page19.tif	
source=RPN011Cassignment#page20.tif	
source=RPN011Cassignment#page21.tif	
source=RPN011Cassignment#page22.tif	
source=RPN011Cassignment#page23.tif	
source=RPN011Cassignment#page24.tif	
source=RPN011Cassignment#page25.tif	

ASSIGNMENT

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

DRUG-DELIVERY PUMPS AND METHODS OF MANUFACTURE

and identified by

Serial No. 12/463,255 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;

PATENT REEL: 026057 FRAME: 0063

Joint Assignment U.S. Serial No. 12/463.255 Page 2 of 9

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.

		- Agen	Survey
		Changtin Pang	
United States of A	merica	.)	
State of) \$5.:	
County of			
On this	day of	*	, before me
personally came	Changlin Pang		mown to be the individual
described in and w	ho executed the fore;	joing instrument, and ackn	owledged execution
of the same.		Tr. TT.0.	

ACKNOWLEDGMENT	
State of California County of	
On Work 22, 200 before me, Brian D. Shaw, Notary Public (insert name and title of the officer)	
personally appeared <u>Chonghin</u> <u>PCong</u> 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.	
Signature	

Joint Assignment U.S. Serial No. 12/463,255 Page 3 of 9

	فيشرونه فيرجد ومتعرض		1000	- D-	
		Sec. Sec.		×.	
		S			
			o		
e in the second seco			·······	*****	

Fukang Jiang

United States of America) State of ______ \$s.: County of ______

On this _______ day of _______, before me personally came ________, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

	ACKNOWLEDGM	IENT
State of California County of Los Angel	es)	
On Marcon 22, 2003	before me,Brian [D. Shaw, Notary Public ert name and title of the officer)
subscribed to the within instru his/her/their authorized capac	s of satisfactory evidence ^D iment and acknowledged to ity(ies), and that by his/her	to be the person(s) whose name(s) is/are o me that he/she/they executed the same r/their signature(s) on the instrument the (s) acted, executed the instrument.
I certify under PENALTY OF I paragraph is true and correct.		of the State of California that the foregoing
WITNESS my hand and offici	al seal.	COMM. #1759538 COMM. #1759538 Notary Public - California C Los Angeles County W Comm. Factors Aul. 20 (2011)
		· · · ·

Joint Assignment U.S. Serial No. 12/463,255 Page 4 of 9

		S	
		Jason Shih	
United States of A	merica)	
State of) ss.:	
County of	· ·····		
On this	day of		, before me
personally came	Jason Shih		known to be the individual
described in and w of the same.	ho executed the for	regoing instrument, and ack	nowledged execution

Notary Public

......

	ACKNOWLEDGMENT
State o County	f California ofLos Angeles)
On 300	etere me, Brian D. Shaw, Notary Public
	(insert name and title of the officer)
who pro subscri his/her/ personi	ally appeared <u>Source</u> oved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are bed to the within instrument and acknowledged to me that he/she/they executed the same is 'their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the (s), or the entity upon behalf of which the person(s) acted, executed the instrument. under PENALTY OF PERJURY under the laws of the State of California that the foregoing aph is true and correct.
WITNE	SS my hand and official seal.
Signati	1973 D.S. Norray Ribby (Seal)

Joint Assignment U.S. Serial No. 12/463,255 Page 5 of 9

Page 5 of 9			
			\mathbf{X}
		and the second sec	
		NAL ANA	
		<u>X MAX - La P-144</u>	Januar and the second
		sexercares / / ~	¢.
United States of A	merica		
State of) ss.:	
County of)	
On this	day of	······································	, before me
personally came	Sean Caffey	, to me kno	own to be the individual
· · · · · · ·	S . S . S . C	A set of the second s	March rates 3 in hour water Brake

described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Ş

ACKNOWLEDG	MENT
State of California County of <u>Los Angeles</u>)	
On <u>March 27,2011</u> before me, <u>Brian</u>	D. Shaw, Notary Public
(in	sert name and title of the officer)
personally appeared <u>Secon</u> <u>Colf</u> <u>Colf</u> who proved to me on the basis of satisfactory evidence subscribed to the within instrument and acknowledged his/her/their authorized capacity(ies), and that by his/h person(s), or the entity upon behalf of which the perso I certify under PENALTY OF PERJURY under the law paragraph is true and correct.	to me that he/she/they executed the same in er/their signature(s) on the instrument the n(s) acted, executed the instrument.
WITNESS my hand and official seal.	CCMMA #1759538 E Notary Public - California E Los Angeles County Persons Jul 28, 1011 Y
Signature <u>Public</u> (S	eal)

Joint Assignment U.S. Serial No. 12/463,255 Page 6 of 9

		<u>/////////////////////////////////////</u>	z
United States of A	merica)	
State of)`ss.:	
County of)	
On this	day of		, before me
personally came	Mark Humayun	, to m	e known to be the individual
		oing instrument, and ac	knowledged execution

Notary Public

.....

	ACKNOWLEDGMENT
State of Califi County of	
On <u>Marcy</u>	<u>before me.</u> Brian D. Shaw, Notary Public
	(insert name and title of the officer)
his/her/their a person(s), or i I certify under	o me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are the within instrument and acknowledged to me that he/she/they executed the same uthorized capacity(ies), and that by his/her/their signature(s) on the instrument the the entity upon behalf of which the person(s) acted, executed the instrument. PENALTY OF PERJURY under the laws of the State of California that the foregoing rue and correct.
WITNESS my	hand and official seal.

Joint Assignment U.S. Serial No. 12/463.255 Page 7 of 9



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 who executed the foregoing instrument, and acknowledged execution of the same.

AUN	NOWLEDGMENT
State of California County of <u>Los Angeles</u>	
On <u>March 27, 2011</u> befo	ore me, _Brian D. Shaw, Notary Public
	(insert name and title of the officer)
personally appeared	Ver The s
his/her/their authorized capacity/ies) an	actory evidence to be the person(s) whose name(s) is/are acknowledged to me that he/she/they executed the same ind that by his/her/their signature(s) on the instrument the which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY paragraph is true and correct.	under the laws of the State of California that the foregoing
WITNESS my hand and official seal.	COMM #1759538 T Notary Public - California
	COMM #1759538 Notary Public - California S Anceles County

Joint Assignment U.S. Serial No. 12/463,255 Page 8 of 9

		$\sim a \hat{\mu}$	
		$\Box III$	
		Jeffrey Brennan	
		and the second sec	
United States of Ar	nerica)	
State of) ss.:	
County of)	
On this	day of	······································	, before me
personally came	Jeffrey Brenna	m,	to me known to be the individual
described in and w	ho executed the	foregoing instrument, an	nd acknowledged execution
of the same.			

Notary Public

inder

	ACKNOW	LEDGMENT	
State of California			
County of Los Angel	es)	
On <u>Marcin 27,260</u>	before me,	Brian D. Shaw	Notary Public
		(insert name	and title of the officer)
personally appeared $\underline{\leq} \underline{\leqslant} \underline{\leqslant}$	Ency Bra	414100k/	
	itv(ies) and that t	reaged to me that	person(s) whose name(s) is/are he/she/they executed the same i nature(s) on the instrument the executed the instrument.
I certify under PENALTY OF P paragraph is true and correct.	PERJURY under t	he laws of the Sta	te of California that the foregoing
WITNESS my hand and officia	l seal.	2000 2000 2000 2000	CO AM D. SHAW CO AM #1759338 Cotary rublic - California Son Angeles County
Signature 2000	and success	(Seal)	and the second

Joint Assignment U.S. Serial No. 12/463,255 Page 9 of 9

		Raymond Peck	
United States of A	merica)	
State of) 85.2	
County of			
On this	day of	*	, before me
personally came	Raymond Peck	, to me l	nown to be the individual
described in and w	ho executed the foreg	oing instrument, and ackn	owledged execution
of the same.			

Notary Public

A/74024820 1

ASSIGNMENT

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

DRUG-DELIVERY PUMPS AND METHODS OF MANUFACTURE

and identified by

Serial No. 12/463.255 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;

Joint Assignment U.S. Serial No. 12/463,255 Page 2 of 9

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 bereunto set our hands and affixed our seals on the date(s) set forth below.

		Changlin Pang	
United States of A	merica	·)·	
State of) ss.:	
County of	·		
On this	day of	. 2	, before me
personally came	Changlin Pang	, to me k	nown to be the individual
described in and w	ho executed the foreg	oing instrument, and ackn	owledged execution
of the same.			

Joint Assignment U.S. Serial No. 12/463,255 Page 3 of 9

		Fukang Jiang	
United States of Ai	merica)	
State of) \$5.:	
County of	······)	
On this	day of		, before me
personally came	Fukang Jiang	, to me k	nown to be the individual
described in and w of the same.	ho executed the fore	going instrument, and ackn	owledged execution

Notary Public

Joint Assignment U.S. Serial No. 12/463,255 Page 4 of 9

		Jason Shih	······································
United States of Ar	merica	.)	
State of) ss.:	
County of)	
On this	day of		, before me
personally came	Jason Shih	, to me	known to be the individual
described in and w of the same.	ho executed the for	egoing instrument, and ackr	nowledged execution

Notary Public

.....

Joint Assignment U.S. Serial No. 12/463,255 Page 5 of 9

		Sean Caffey	
United States of A	merica).	
State of) ss.:	
County of			
On this	day of		, before me
personally came	Sean Caffey	, to me	known to be the individual
described in and w of the same.	ho executed the fore	going instrument, and ackr	nowledged execution

Notary Public

Joint Assignment U.S. Serial No. 12/463,255 Page 6 of 9

	Mark Humayun		
United States of A	merica)	
State of) ss.:	
County of)	
On this	day of		, before me
personally came	Mark Humayun	, to me k	nown to be the individual
described in and w of the same.	ho executed the foreg	oing instrument, and ackn	owledged execution

Notary Public

Joint Assignment U.S. Serial No. 12/463,255 Page 7 of 9

		Yu-Chong Tai	
United States of A	merica)	
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 w	ho executed the foreg	oing instrument, and ackr	iowledged execution
of the same.			

Notary Public

Joint Assignment U.S. Serial No. 12/463,255 Page 8 of 9

		Jeffrey Brennan		
United States of A:	merica)		
State of) ss.:		
County of				
On this	day of	×.	, before me	
personally came	Jeffrey Brennan	, to me k	mown to be the individual	
described in and w of the same.	ho executed the foreg	oing instrument, and ackn	owledged execution	

Notary Public

Joint Assignment U.S. Serial No. 12/463,255 Page 9 of 9

			al an		\sim
		Raymor	d Pecká	£	
United States of Ame	rica	y			
State of	<u>CALIFORNIA</u>) ss.:			
County of	Dors and La				
On this <u>う</u> っ ^が	day of m	oncu		2011	, before me
	Raymond Peck		. 1		o be the individual
described in and who of the same.	executed the foreg	oing instruc	nent, an	d acknowledg	ed execution
				n. a	· Clo
		Ā	otary P	ublic	
Partoutoutoutou	The second s			1	

ģ.

PENNIC CHEUNG COMME \$1885.471 NOTAFFERSCHEUTORNA LOS ANGELS COURS No Comme Extra No. 7, 2014

A/74024820.1

RECORDED: 03/31/2011