

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

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>Changlin Pang</td><td>03/22/2011</td></tr><tr><td>Fukang Jiang</td><td>03/22/2011</td></tr><tr><td>Jason Shih</td><td>03/22/2011</td></tr><tr><td>Sean Caffey</td><td>03/22/2011</td></tr><tr><td>Mark Humayun</td><td>03/22/2011</td></tr><tr><td>Yu-Chong Tai</td><td>03/22/2011</td></tr><tr><td>Jeffrey Brennan</td><td>03/22/2011</td></tr><tr><td>Raymond Peck</td><td>03/30/2011</td></tr></tbody></table>		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
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RECEIVING PARTY DATA																			
<table border="1"><tr><td>Name:</td><td>MiniPumps, LLC</td></tr><tr><td>Street Address:</td><td>319 30th Street</td></tr><tr><td>City:</td><td>Manhattan Beach</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>90266</td></tr></table>		Name:	MiniPumps, LLC	Street Address:	319 30th Street	City:	Manhattan Beach	State/Country:	CALIFORNIA	Postal Code:	90266								
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CORRESPONDENCE DATA																			
Fax Number: (202)373-6001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone: 6179518770																			
Email: nicole.deane@bingham.com																			
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																			

501486945

PATENT  
REEL: 026057 FRAME: 0061

CH \$40.00 12463255

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

**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-in-part, 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;

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.

Changlin Peng

United States of America )  
State of \_\_\_\_\_) ss.:  
County of \_\_\_\_\_)

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

Notary Public

## ACKNOWLEDGMENT

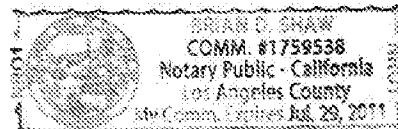
State of California  
County of Los Angeles

On March 22, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)

personally appeared Changlin Peng  
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 Brian D. Shaw, Notary Public (Seal)



## ACKNOWLEDGMENT

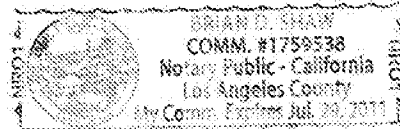
State of California  
County of Los Angeles

On March 27, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)

personally appeared Fukang Tian  
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 Brian D. Shaw, Notary Public (Seal)





## ACKNOWLEDGMENT

State of California

County of Los Angeles

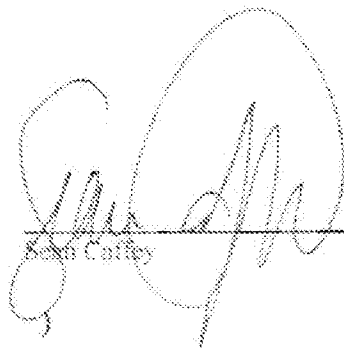
On March 12, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)

personally appeared Jason Shih  
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 Brian D. Shaw, Notary Public (Seal)

  
\_\_\_\_\_  
Sean Caffey

United States of America

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

\_\_\_\_\_  
Notary Public

## ACKNOWLEDGMENT

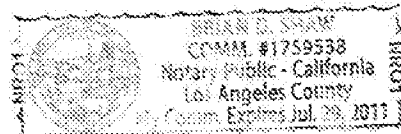
State of California  
County of Los Angeles

On March 27, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)


personally appeared Sean Coffey  
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 Brian D. Shaw, Notary Public (Seal)

  
Mark Humayon

United States of America )  
State of \_\_\_\_\_) ss.:  
County of \_\_\_\_\_)

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

Notary Public

## ACKNOWLEDGMENT

State of California  
County of Los Angeles

On March 27, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)


personally appeared Mark Amador  
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 B. D. Shaw Notary Public (Seal)

  
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.

Notary Public

## ACKNOWLEDGMENT

State of California  
County of Los Angeles

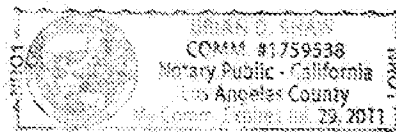
On March 27, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)

personally appeared Yo-Chong Tai  
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  
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WITNESS my hand and official seal.

Signature B. D. Shaw, Notary Public (Seal)







## ACKNOWLEDGMENT

State of California  
County of Los Angeles

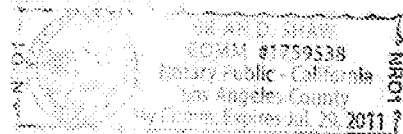
On March 27, 2011 before me, Brian D. Shaw, Notary Public  
(insert name and title of the officer)

personally appeared Jeffrey Brannan  
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 Brian D. Shaw, Notary Public (Seal)





**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:

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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-in-part, 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;

















Raymond Peck

United States of America )  
State of California ) ss.:  
County of Los Angeles )

On this 30<sup>th</sup> day of March, 2011, before me personally came Raymond Peck, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

