

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3485059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LINDA L. BROCKUNIER	02/17/2014
HELEN CHEN	02/17/2014
HARRY R. CHOBANIAN	02/17/2014
MATTHEW J. CLEMENTS	02/17/2014
ALEJANDRO CRESPO	02/17/2014
DUANE E. DEMONG	02/17/2014
YAN GUO	02/17/2015
WILLIAM K. HAGMANN	02/17/2014
KAREN M. MARCANTONIO	02/19/2014
MICHAEL MILLER	02/17/2014
BARBARA PIO	02/17/2014
CHRISTOPHER W. PLUMMER	02/17/2014
DONG XIAO	02/17/2014
RECEIVING PARTY DATA	
Name:	MERCK SHARP & DOHME CORP
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY86-2011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14767815
CORRESPONDENCE DATA	
Fax Number:	(732)594-4720
<i>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.</i>	
Phone:	732 5944000
Email:	us_efs@merck.com

Correspondent Name:	MERCK & CO., INC.
Address Line 1:	P. O. BOX 2000
Address Line 2:	RY86-2011A
Address Line 4:	RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	23442-US-PCT
NAME OF SUBMITTER:	PAMELA SPALDING
SIGNATURE:	/Pamela Spalding/
DATE SIGNED:	08/17/2015

Total Attachments: 16

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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Linda L. Brockunier, located at Orange, NJ,
- (2) Helen Chen, located at, Marlboro, NJ
- (3) Harry R. Chobanian, located at Aberdeen, NJ,
- (4) Matthew J. Clements, located at Old Bridge, NJ,
- (5) Alejandro Crespo, located at Edison, NJ,
- (6) Duane E. DeMong, located at Somerset, NJ,
- (7) Yan Guo, located at Westfield, NJ,
- (8) William K. Hagmann, located at Westfield, NJ,
- (9) Karen M. Marcantonio, located at New York City, NY,
- (10) Michael Miller, located at Scotch Plains, NJ,
- (11) Barbara Pio, located at West Orange, NJ,
- (12) Christopher W. Plummer, located at Hoboken, NJ,
- (13) Dong Xiao, located at Warren, NJ,

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

ANTIDIABETIC BICYCLIC COMPOUNDS

and/or in the following application(s):

U.S. Provisional Application No. 61/768,065 filed on 02/22/2013;
U.S. Application No. 14/767,815 having a filing date of 8/13/2015 and
PCT International Application No. PCT/US14/017264 having a filing date of 2/21/2014.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore 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.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this 17 day of February, 2014.Linda L. Brockunier
Linda L. Brockunier

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me Linda L. Brockunier to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Pia Rocel Paras-Sanjurjo
Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of February, 2014.Helen Chen
Helen Chen

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me Helen Chen to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Pia Rocel Paras-Sanjurjo
Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

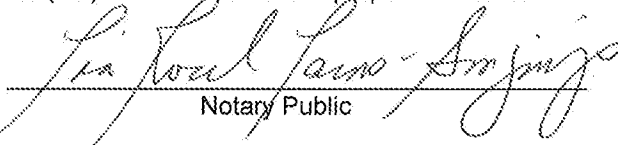
Executed this 17th day of February, 2014.
Harry R. Chobanian

ACKNOWLEDGEMENT

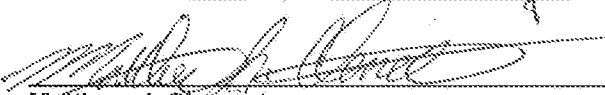
State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me **Harry R. Chobanian** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)


Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

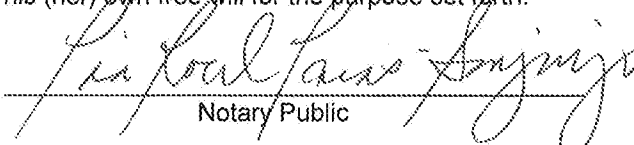
Executed this 17 day of FEBRUARY, 2014.
Matthew J. Clements

ACKNOWLEDGEMENT


State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me **Matthew J. Clements** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)


Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of FEBRUARY, 2014.

Alejandro Crespo

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

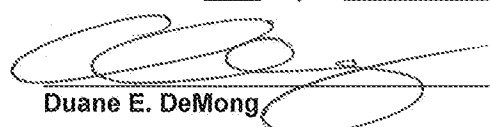
On this 17 day of February, 2014, personally appeared before me **Alejandro Crespo** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public

PIA ROCEL S. FARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of February, 2014.

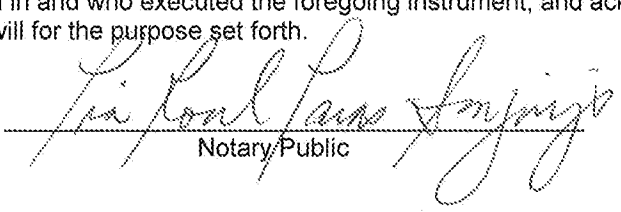
Duane E. DeMong

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me **Duane E. DeMong** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public

PIA ROCEL S. FARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of February, 2014.Yan Guo
Yan Guo

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me **Yan Guo** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Pia Rocel Paras-Sanjurjo
Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of Feb., 2014.William K. Hagmann
William K. Hagmann

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:

On this 17 day of February, 2014, personally appeared before me **William K. Hagmann** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Pia Rocel Paras-Sanjurjo
Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this _____ day of _____, 20____.

Karen M. Marcantonio

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:
_____)

On this _____ day of _____, 20____, personally appeared before me **Karen M. Marcantonio** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ^{MM} 12 day of February, 2014.

Michael Miller
Michael Miller

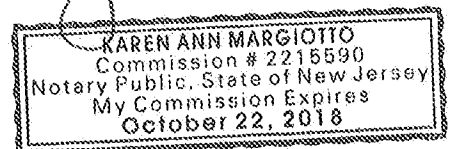
ACKNOWLEDGEMENT

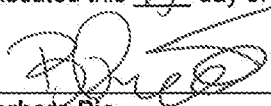
State of New Jersey)
County of Union) s.s.:
_____)

On this 17th day of February, 2014, personally appeared before me **Michael Miller** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen Ann Margiotto
Notary Public



Executed this 17 day of Feb, 2014.

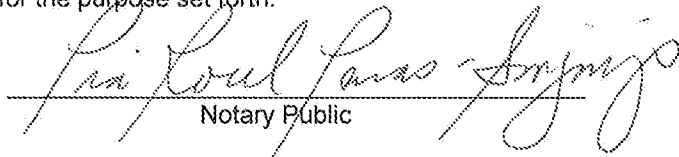
Barbara Pio

ACKNOWLEDGEMENT

State of New Jersey, s.s.:
County of Union

On this 17 day of February, 2014, personally appeared before me **Barbara Pio** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17 day of February, 2014.

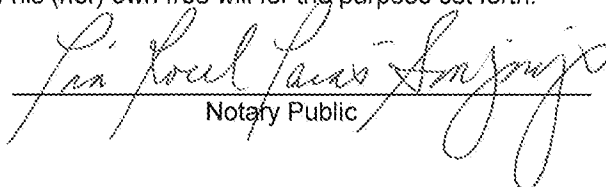
Christopher W. Plummer

ACKNOWLEDGEMENT

State of New Jersey, s.s.:
County of Union

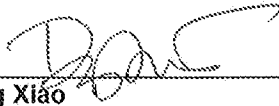
On this 17 day of February, 2014, personally appeared before me **Christopher W. Plummer** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires September 14, 2017

Executed this 17th day of February, 2014.

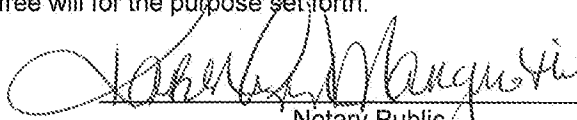
Dong Xiao

ACKNOWLEDGEMENT

State of New Jersey
County of Union) s.s.:
17th day of February, 2014

On this 17th day of February, 2014, personally appeared before me **Dong Xiao** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public

KAREN ANN MARGIOTTO Commission # 2215590 Notary Public, State of New Jersey My Commission Expires October 22, 2018
--

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Linda L. Brockunier, located at Orange, NJ,
- (2) Helen Chen, located at, Marlboro, NJ
- (3) Harry R. Chobanian, located at Aberdeen, NJ,
- (4) Matthew J. Clements, located at Old Bridge, NJ,
- (5) Alejandro Crespo, located at Edison, NJ,
- (6) Duane E. DeMong, located at Somerset, NJ,
- (7) Yan Guo, located at Westfield, NJ,
- (8) William K. Hagmann, located at Westfield, NJ,
- (9) Karen M. Marcantonio, located at New York City, NY,
- (10) Michael Miller, located at Scotch Plains, NJ,
- (11) Barbara Pio, located at West Orange, NJ,
- (12) Christopher W. Plummer, located at Hoboken, NJ,
- (13) Dong Xiao, located at Warren, NJ,

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

ANTIDIABETIC BICYCLIC COMPOUNDS

and/or in the following application(s):

U.S. Provisional Application No. 61/768,065 filed on 02/22/2013;
U.S. Application No. 14/767,815 having a filing date of 8/13/2015; and
PCT International Application No. PCT/US14/017264 having a filing date of 2/21/2014.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore 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.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this ____ day of _____, 20__.

Linda L. Brockunier

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Linda L. Brockunier** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Helen Chen

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Helen Chen** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Harry R. Chobanian

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Harry R. Chobanian** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Matthew J. Clements

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Matthew J. Clements** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Alejandro Crespo

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Alejandro Crespo** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Duane E. DeMong

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Duane E. DeMong** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Yan Guo

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **Yan Guo** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

William K. Hagmann

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20__, personally appeared before me **William K. Hagmann** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 19 day of February, 2014.

Karen M. Marcantonio

ACKNOWLEDGEMENT

State of RI)
County of Providence) s.s.:

On this 19th day of February, 2014, personally appeared before me **Karen M. Marcantonio** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.




Notary Public

my commission expires
8-17-15
STATE OF RI #60893.

Executed this ____ day of _____, 20____.

Michael Miller

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me **Michael Miller** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Barbara Pio

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me **Barbara Pio** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Christopher W. Plummer

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me **Christopher W. Plummer** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20__.

Dong Xiao

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me **Dong Xiao** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public