

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4900953

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN KELLEY	07/05/2016
HUI LI	06/02/2016
THILO HECKRODT	07/06/2016
YAN CHEN	06/10/2016
DARREN MCMURTRIE	06/09/2016
VANESSA TAYLOR	06/09/2016
RAJINDER SINGH	05/17/2016
ROSE YEN	07/07/2016
JACK MAUNG	06/09/2016
KIN TSO	07/26/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RIGEL PHARMACEUTICALS, INC.
<b>Street Address:</b>	1180 VETERANS BOULEVARD
<b>City:</b>	SOUTH SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94080
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15934692
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
<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>	
<b>Phone:</b>	503-595-5300
<b>Email:</b>	julie.morgan@klarquist.com
<b>Correspondent Name:</b>	KLARQUIST SPARKMAN, LLP
<b>Address Line 1:</b>	121 S.W. SALMON STREET, SUITE 1600
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	7946-94434-27

<b>NAME OF SUBMITTER:</b>	STEVEN J. BURGESS
<b>SIGNATURE:</b>	/Steven J. Burgess/
<b>DATE SIGNED:</b>	04/05/2018
<b>Total Attachments: 15</b> source=94434 Assignment#page1.tif source=94434 Assignment#page2.tif source=94434 Assignment#page3.tif source=94434 Assignment#page4.tif source=94434 Assignment#page5.tif source=94434 Assignment#page6.tif source=94434 Assignment#page7.tif source=94434 Assignment#page8.tif source=94434 Assignment#page9.tif source=94434 Assignment#page10.tif source=94434 Assignment#page11.tif source=94434 Assignment#page12.tif source=94434 Assignment#page13.tif source=94434 Assignment#page14.tif source=94434 Assignment#page15.tif	

## ASSIGNMENT

WHEREAS, we, Ryan Kelley, of Pacifica, CA, Hui Li, of Santa Clara, CA, Thilo Heckrodt, of San Francisco, CA, Yan Chen, of Foster City, CA, Darren McMurtrie, of Foster City, CA, Kin Tso, of San Francisco, CA, Vanessa Taylor, of San Francisco, CA, Rajinder Singh, of Belmont, CA, Rose Yen, of San Francisco, CA, and Jack Maung, of Daly, CA, have invented a certain invention, entitled PYRAZOLE COMPOUNDS AND METHOD FOR MAKING AND USING THE COMPOUNDS, for which the following applications have been filed:

U.S. Patent Application No. 15/136,508, filed on April 22, 2016; and

PCT Patent Application No. PCT/US2016/028957, filed on April 22, 2016,

which applications are collectively referred to as "the patent applications."

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation organized under the laws of the State of Delaware, having a place of business at 1180 South Veterans Boulevard, South San Francisco, California 94080, desires to acquire an interest therein:

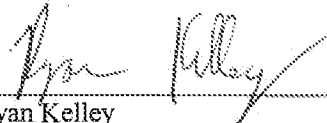
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ryan Kelley, Hui Li, Thilo Heckrodt, Yan Chen, Darren McMurtrie, Kin Tso, Vanessa Taylor, Rajinder Singh, Rose Yen, and Jack Maung, hereby sell, assign, and transfer to RIGEL PHARMACEUTICALS, INC., the full and exclusive right, title, and interest in and to the invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by RIGEL PHARMACEUTICALS, INC., for its own use and benefit, and for its successors and assigns, to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to RIGEL PHARMACEUTICALS, INC., or its successors and assigns, any facts

known to us respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid RIGEL PHARMACEUTICALS, INC., its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to RIGEL PHARMACEUTICALS, INC.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.


  
Ryan Kelley

At South San Francisco, California  
(City and State)

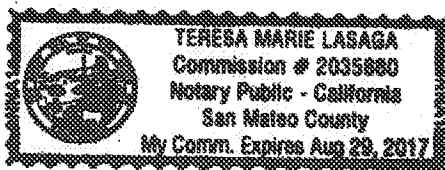
on this 5 day of July, 2016

STATE OF California )  
COUNTY OF San Mateo ) ss.

This 5 day of July, 2016, before me personally came the above-named Ryan Kelley, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Ryan Kelley's own free will for the purpose set forth therein.

  
Notary Public For  
My commission expires: August 29, 2017

[SEAL]



At South San Francisco, California  
(City and State)  
on this 2 day of June, 2016.

Hui Li

STATE OF California )  
COUNTY OF San Mateo ) ss.

This 2 day of June, 2016, before me personally came the above-named Hui Li, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Hui Li's own free will for the purpose set forth therein.



Notary Public For

My commission expires: August 29, 2017

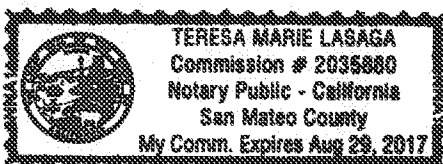
At South San Francisco, California  
(City and State)  
on this 16 day of July, 2016.

Thilo Heckrodt

STATE OF California )  
COUNTY OF San Mateo ) ss.

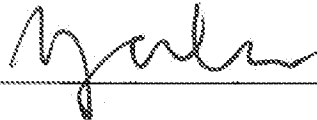
This 16 day of July, 2016, before me personally came the above-named Thilo Heckrodt, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Thilo Heckrodt's own free will for the purpose set forth therein.

[SEAL]



Notary Public For

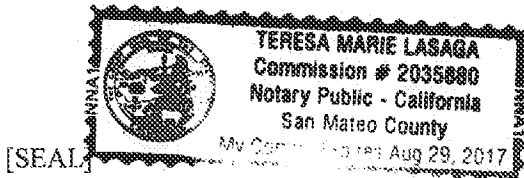
My commission expires: August 29, 2017

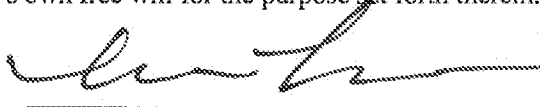
  
\_\_\_\_\_  
Yan Chen

At South San Francisco, CA  
(City and State)  
on this 10 day of June, 2016.

STATE OF California,  
COUNTY OF San Mateo ) ss.

This 10 day of June, 2016, before me personally came the above-named Yan Chen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yan Chen's own free will for the purpose set forth therein.



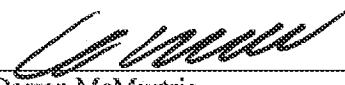
  
\_\_\_\_\_  
Notary Public For  
My commission expires: August 29, 2017

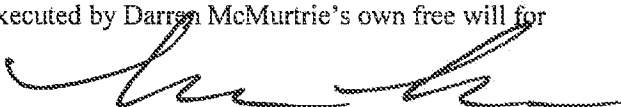
At South San Francisco, CA  
(City and State)  
on this 9 day of June, 2016.

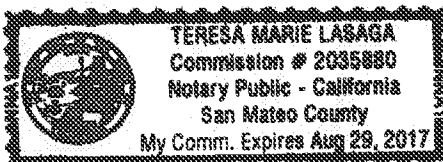
STATE OF California,  
COUNTY OF San Mateo ) ss.

This 9 day of June, 2016, before me personally came the above-named Darren McMurtrie, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Darren McMurtrie's own free will for the purpose set forth therein.

[SEAL]

  
\_\_\_\_\_  
Darren McMurtrie

  
\_\_\_\_\_  
Notary Public For  
My commission expires: August 29, 2017



Kin Tso

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Kin Tso, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Kin Tso's own free will for the purpose set forth therein.

Notary Public For  
My commission expires:

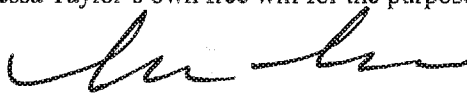
[SEAL]

  
Vanessa Taylor

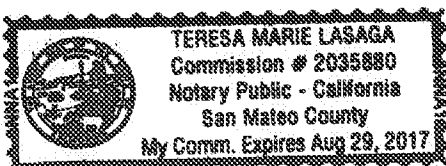
At South San Francisco, California  
(City and State)  
on this 9 day of June, 2016.

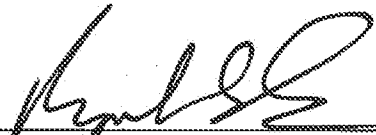
STATE OF California )  
COUNTY OF San Mateo ) ss.

This 9 day of June, 2016, before me personally came the above-named Vanessa Taylor, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Vanessa Taylor's own free will for the purpose set forth therein.

  
Notary Public For  
My commission expires:

[SEAL]



  
Rajinder Singh

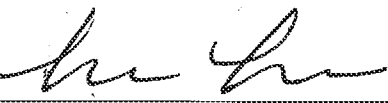
At South San Francisco, California  
(City and State)

on this 17 day of May, 2016.

STATE OF California )  
COUNTY OF San Mateo ) SS.

This 17 day of May, 2016, before me personally came the above-named Rajinder Singh, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rajinder Singh's own free will for the purpose set forth therein.



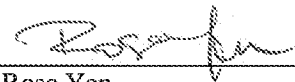
  
Notary Public For  
My commission expires: August 29, 2017

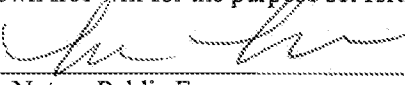
At South San Francisco, California  
(City and State)  
on this 7 day of July, 2016.

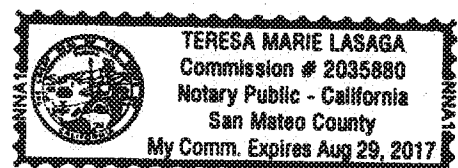
STATE OF California )  
COUNTY OF San Mateo ) SS.

This 7 day of July, 2016, before me personally came the above-named Rose Yen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rose Yen's own free will for the purpose set forth therein.

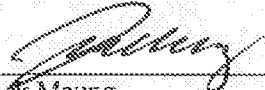
[SEAL]

  
Rose Yen

  
Notary Public For  
My commission expires: August 29, 2017





  
\_\_\_\_\_  
Jack Maung

At South San Francisco, CA  
(City and State)

on this 9 day of June, 2016.

STATE OF California )

COUNTY OF San Mateo )

ss.

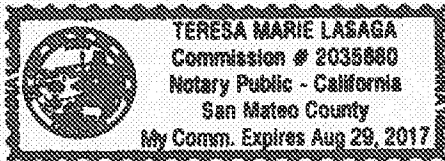
This 9 day of June, 2016, before me personally came the above-named Jack Maung, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jack Maung's own free will for the purpose set forth therein.

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

My commission expires:

August 29, 2017

[SEAL]



## ASSIGNMENT

WHEREAS, we, Ryan Kelley, of Pacifica, CA, Hui Li, of Santa Clara, CA, Thilo Heckrodt, of San Francisco, CA, Yan Chen, of Foster City, CA, Darren McMurtrie, of Foster City, CA, Kin Tso, of San Francisco, CA, Vanessa Taylor, of San Francisco, CA, Rajinder Singh, of Belmont, CA, Rose Yen, of San Francisco, CA, and Jack Maung, of Daly, CA, have invented a certain invention, entitled PYRAZOLE COMPOUNDS AND METHOD FOR MAKING AND USING THE COMPOUNDS, for which the following applications have been filed:

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PCT Patent Application No. PCT/US2016/028957, filed on April 22, 2016,  
which applications are collectively referred to as “the patent applications.”

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation organized under the laws of the State of Delaware, having a place of business at 1180 South Veterans Boulevard, South San Francisco, California 94080, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ryan Kelley, Hui Li, Thilo Heckrodt, Yan Chen, Darren McMurtrie, Kin Tso, Vanessa Taylor, Rajinder Singh, Rose Yen, and Jack Maung, hereby sell, assign, and transfer to RIGEL PHARMACEUTICALS, INC., the full and exclusive right, title, and interest in and to the invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by RIGEL PHARMACEUTICALS, INC., for its own use and benefit, and for its successors and assigns, to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to RIGEL PHARMACEUTICALS, INC., or its successors and assigns, any facts

known to us respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid RIGEL PHARMACEUTICALS, INC., its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to RIGEL PHARMACEUTICALS, INC.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Ryan Kelley

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ ) ss.

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Ryan Kelley, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Ryan Kelley's own free will for the purpose set forth therein.

Notary Public For  
My commission expires:

[SEAL]

\_\_\_\_\_  
Hui Li

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Hui Li, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Hui Li's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]

\_\_\_\_\_  
Thilo Heckrodt

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Thilo Heckrodt, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Thilo Heckrodt's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]

\_\_\_\_\_  
Yan Chen

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF )  
 ) ss.  
COUNTY OF )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Yan Chen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yan Chen's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]

\_\_\_\_\_  
Darren McMurtrie

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF )  
 ) ss.  
COUNTY OF )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Darren McMurtrie, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Darren McMurtrie's own free will for the purpose set forth therein.

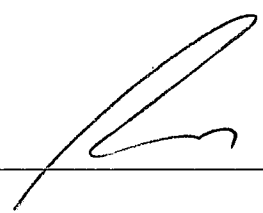
\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]

At

Hercules, CA  
(City and State)  
on this 26 day of July, 2016.

Kin Tso



STATE OF California )  
COUNTY OF Contra Costa )

ss.

This 26 day of July, 2016, before me personally came the above-named Kin Tso, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Kin Tso's own free will for the purpose set forth therein.

**PLEASE SEE ATTACHED  
CURRENT CALIFORNIA  
NOTARY FORM**



Notary Public For CA / Contra Costa  
My commission expires: 05-12-2017

[SEAL]

Vanessa Taylor

At

\_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )

)

ss.

COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Vanessa Taylor, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Vanessa Taylor's own free will for the purpose set forth therein.

Notary Public For

My commission expires:

[SEAL]

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

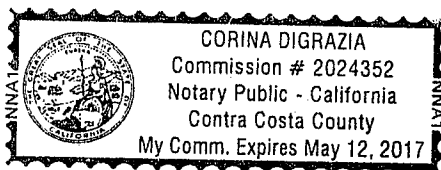
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of Contra Costa ) **Corina DiGrazia-Notary Public**  
 On July 26, 2016 before me, \_\_\_\_\_  
 Date Here Insert Name and Title of the Officer  
 personally appeared Kin Tso \_\_\_\_\_  
 Name(s) of Signer(s)

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 \_\_\_\_\_  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: Assignment Document Date: \_\_\_\_\_  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

\_\_\_\_\_  
Rajinder Singh

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Rajinder Singh, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rajinder Singh's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]

\_\_\_\_\_  
Rose Yen

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Rose Yen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rose Yen's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]



\_\_\_\_\_  
Jack Maung

At \_\_\_\_\_  
(City and State)

on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named Jack Maung, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jack Maung's own free will for the purpose set forth therein.

\_\_\_\_\_  
Notary Public For  
My commission expires:

[SEAL]