

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2978674

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NING LU	07/08/2013
NICOLAS NEWTON	07/09/2013
KAREN YOUNG	06/28/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Roche Molecular Systems, Inc.
<b>Street Address:</b>	4300 Hacienda Drive
<b>City:</b>	Pleasanton
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94588
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14088007
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(925)225-1128
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<b>Phone:</b>	925-730-8559
<b>Email:</b>	misty.prasad@roche.com
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<b>Address Line 1:</b>	4300 HACIENDA DRIVE
<b>Address Line 2:</b>	PATENT DEPARTMENT
<b>Address Line 4:</b>	PLEASANTON, CALIFORNIA 94588
<b>ATTORNEY DOCKET NUMBER:</b>	31098-US1
<b>NAME OF SUBMITTER:</b>	CHARLES M. DOYLE
<b>SIGNATURE:</b>	/Charles M Doyle/39175/
<b>DATE SIGNED:</b>	08/12/2014
<b>Total Attachments: 5</b>	
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PATENT



**ASSIGNMENT**

Assignment Effective As Of December 13, 2012

WHEREAS, WE, **NING LU**, of Pleasanton, California, **NICOLAS NEWTON**, of Oakland, California, and **KAREN YOUNG**, of San Ramon, California, hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements, which are described and claimed in an application, provisional or otherwise, for United States Letters Patent entitled

**“HAV DETECTION”**

and identified by Serial No: **61/736,686**

Filing Date: **December 13, 2012**

WHEREAS, **ROCHE MOLECULAR SYSTEMS, INC. of 4300 Hacienda Drive, Pleasanton, California, 94588**, a company organized under the Laws of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in and to the said invention and application and in any Letters of Patent which may be granted on the same in the United States or in any foreign country.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for valuable consideration, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application(s), and any Letters of Patent which may hereafter be granted on the same in the United States or in any foreign country or countries, including any application claiming priority under 35 U.S.C. §119(e), divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

UPON said consideration, ASSIGNORS do hereby covenant and agree with the said ASSIGNEE that ASSIGNORS will not execute any writing or do any act whatsoever conflicting with these presents. ASSIGNOR further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN TESTIMONY WHEREOF, this assignment has been executed by the **ASSIGNORS**:

NING LU  
NING LU

at Pleasanton, CA

8-July-2013  
Date

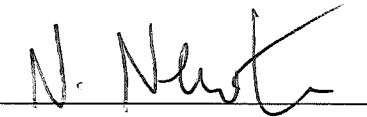
WITNESSES

ANONA BRISTOL  
Signature

Joey Wong  
Signature

ANONA BRISTOL  
Printed Name

Joey Wong  
Printed Name

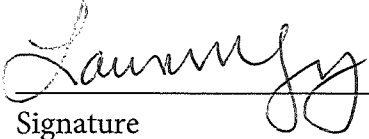
  
\_\_\_\_\_  
NICOLAS NEWTON

at \_\_\_\_\_

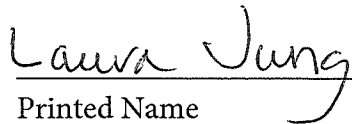
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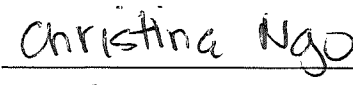
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WITNESSES

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Printed Name

Karen Young  
KAREN YOUNG

at Dublin, CA

28-Jun-2013  
Date

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WITNESSES

Douglas Petro  
Signature

Rhea Nersesian  
Signature

Douglas Petro  
Printed Name

Rhea Nersesian  
Printed Name