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1. Conveying party(ies):		2. Nature of conveyance:	
Name(s)	Execution Date(s)	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement
NICHOLAS D. COSFORD	April 7, 2005	<input type="checkbox"/> Merger	<input type="checkbox"/> Change of Name
JEFFREY R. ROPPE	April 7, 2005	<input type="checkbox"/> Other:	
LIDA TEHRANI	April 7, 2005		
NICHOLAS SMITH	April 7, 2005	3. Name and address of receiving party(ies):	
BRIAN STEARNS	April 7, 2005	Name: <u>MERCK & Co., INC.</u>	
DEHUA HUANG	April 7, 2005	Internal Address: <u>RY60-30</u>	
BOWEI WANG	April 7, 2005	Street Address: <u>P.O. Box 2000</u>	
THOMAS J. SEIDERS	April 7, 2005	City & State: <u>RAHWAY, NEW JERSEY</u>	
		Zip/Postal Code: <u>07065-0907</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

4. Application number(s) or patent number(s) are as follows:
Patent Application No(s). 11/097,047, filed on April 1, 2005,
and titled:
PYRIDAZINE, PYRIMIDINE AND PYRAZINE ETHYNE COMPOUNDS

☐ This document is being filed together with a new application.Additional numbers attached? ☐ Yes ☒ No

5. Name & address of party to whom correspondence concerning documents should be mailed: Name: <u>J. Eric Thies</u> Internal Address: <u>PATENT DEPARTMENT</u> <u>MERCK & CO., INC.</u> <u>P.O. BOX 2000 - RY60-30</u> City & State: <u>RAHWAY, N.J.</u> Zip: <u>07065-0907</u>	6. Total no. of applications & patents involved: <u>3</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> The Director is hereby authorized to charge the deposit account number entered below for any fees which may be required or to credit any overpayment. 8. Deposit account number: <u>13-2755</u>
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9. Statement and signature:
To the best of my knowledge and belief, the foregoing information is true and correct.

J. Eric Thies Reg. No. 35,382 J. Eric Thies October 30, 2008
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Name (Print/Type) Christine M. DonaSignature Christine M. DonaDate October 30, 2008

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PATENT
REEL: 021762 FRAME: 0522 Page 1 of 1

CH \$40.00 132755 11097047

Attorney Docket Number SD1280IFU.S. Serial No. 11/097,047Filing Date 4/1/2005**ASSIGNMENT AND AGREEMENT**

For value received, we, Nicholas D. Cosford, Jeffrey R. Roppe, Lida Tehrani, Nicholas Smith, Brian Stearns, Dehua Huang, Bowei Wang, Thomas J. Seiders

of 7161 Rock Valley Court, San Diego, CA 92122; 32182 Camino Guarda, Temecula, CA 92592; 11471 Caminito Garcia, San Diego, CA 92131; 1053 Sapphire Street #1, San Diego, CA 92109; 3339 32nd Street, San Diego, CA 92104; 4505 Shorepointe Way, San Diego, CA 92130; 5025 Manor Ridge Lane, San Diego, CA 92130; 5257 Soledad Mountain Road, San Diego, CA 92109

hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

PYRIDAZINE, PYRIMIDINE AND PYRAZINE ETHYNE COMPOUNDS

described in an application for Patents having Attorney Docket Number SD1280IF and in application(s) Serial No. 10/874,835 filed on 06/23/2004 ; Serial No. 10/217,800 filed on 08/13/2002 ; Serial No. 09/387,073 filed on 08/31/1999 (if applicable),

and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

We hereby authorize our attorney, David A. Rubin or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s) and Filing Date(s) of said application(s) when known.

Signed at San Diego, California this 7th day of April, 2005

Nicholas D. Cosford
Nicholas D. Cosford

Lida Tehrani
Lida Tehrani

Brian Stearns
Brian Stearns

Bowei Wang
Bowei Wang

Jeffrey R. Roppe
Jeffrey R. Roppe

Nicholas Smith
Nicholas Smith

Dehua Huang
Dehua Huang

Thomas J. Seiders
Thomas J. Seiders

Attorney Docket Number SD1280IFU.S. Serial No. 11/097,047Filing Date 4/1/2005**ASSIGNMENT AND AGREEMENT**

State of California }
 County of San Diego } SS.

Personally appeared before me the above-named Nicholas D. Cosford Lida Tehrani Brian Stearns Jeffrey R. Roppe
 Nicholas Smith Dehua Huang Thomas J. Seiders Bowei Wang

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this 7th day of April, 2005.



Catharine Stuhler
 Notary Public

Signed at _____ this _____ day of _____.

 County of _____ } SS.

Personally appeared before me the above-named

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this _____ day of _____.

 Notary Public