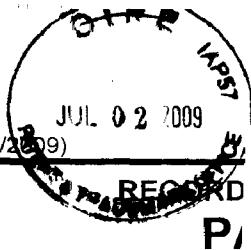


7/2/09

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)U.S. DEPARTMENT OF COMMERCE
States Patent and Trademark Office

07-08-2009



To the Director of the U.S. Patent and Trademark

103566531

or the new address(es) below.

1. Name of conveying party(ies)

Pfizer Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 27 April 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: The Hamner Institutes for Health SciencesInternal Address: P.O. Box 12137Street Address: 6 Davis DriveCity: Research Triangle ParkState: North CarolinaCountry: United States Zip 27709-2137Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

11/960093
12/369291
☐ This document is being filed together with a new application.
 B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Naina Bhasin, Ph.D.Internal Address: P.O. Box 12137Street Address: 6 Davis DriveCity: Research Triangle ParkState: North Carolina Zip: 27709-2137Phone Number: 919-558-1220Fax Number: 919-558-1400Email Address: NBhasin@thehamner.org**6. Total number of applications and patents involved: 2****7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00**

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information
 Deposit Account Number 07/07/2009 NJAMA1 00000022 11960093
01 FC:8021

Authorized User Name _____

9. Signature:
Naina Bhasin
 Signature

23 June 2009
 Date

Naina Bhasin
 Name of Person Signing

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

5

 Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 022933 FRAME: 0344

APPENDIX B PATENTS ASSIGNMENT

WHEREAS, **Pfizer Inc.**, a Delaware corporation, having a business address at 235 East 42nd Street, New York, NY 10017 (“Assignor”) is the owner of an interest in and to an invention for which the patent applications hereinafter identified have been filed:

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, transfer, convey and assign to **The Hamner Institutes for Health Sciences** - an institution maintaining offices at Six Davis Drive P.O. Box 12137, Research Triangle Park, NC 27709-2137 (“Assignee”), its successors and assigns, the entire right, title and interest throughout the world in and to the inventions described in U.S. Provisional Patent Application No. 60/584,461, filed on June 30, 2004, and U.S. Provisional Patent Application No. 60/437,533, filed on December 31, 2002, including all right, title and interest in the patents and patent applications listed on attached Appendix A and any patents issuing there from, and any continuations, confirmations, divisionals, re-examinations, reissues, revalidations, registrations, supplemental protection certificates or extensions of term, including patent term restoration of any of the foregoing patents and applications and all foreign counterparts thereof (collectively, the “Assigned Patents”), and rights to sue and recover for any future infringement, damage or injury to any of the foregoing and collect profits or damages with respect to the same, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of its successors and assigns, to the full end of the term or terms for which letters patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor had this sale and assignment not been made, and Assignor hereby authorizes and requests the Commissioner or Director of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue and transfer the Assigned Patents to Assignee, its successors and assigns, in accordance with the terms of the assignment, or otherwise as Assignee may direct.

This Assignment is binding on Assignor, its successors and assigns, and will inure to the benefit of Assignee, its successors and assigns. Nothing in this instrument, express or implied, is intended or shall be construed to confer upon, or give to, any person, corporation or entity other than Assignee, its successors and assigns, any remedy or claim under or by reason of this

instrument, or any terms, covenants or conditions hereof, and all the terms, covenants and conditions in this instrument shall be for the sole and exclusive benefit of Assignee and its successors and assigns.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of the date written below.

PFIZER INC.

By: Peter C. Richardson

Name: Peter C. Richardson

Title: Assistant Secretary, Senior Vice-President and Associate General Counsel

Date: 27 April 2009

ACKNOWLEDGEMENT

STATE OF New York)
) ss:
COUNTY OF New York)

On this 27 day of April, 2009, Vidyawatie Ramsack-Gosine, the Peter C. Richardson of Pfizer Inc., to me personally known, personally appeared before me and stated that the foregoing instrument was signed on behalf of such corporation pursuant to proper corporate authority, and acknowledged the execution of the instrument as the free act and deed of the corporation.

Vidyawatie Ramsack-Gosine
04/27/09

VIDYAWATIE RAMSOOK-GOSINE

Notary Public, State of New York

No. 01RA6055311

Qualified in Queens County

Certificate Filed in New York County

Commission Expires February 20, 2011

APPENDIX A

Docket Number	Country	Application Number	Application Date	Patent Number	Grant Date	Status	Sub Status
25313	United States	60/437533	31-Dec-02			Inactive	Lapsed
025313A	European Patent Convention	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued
025313A	Patent Cooperation Treaty	PCT/IB2003/006139	19-Dec-03			Inactive	Lapsed
025313A	United States	10/745823	24-Dec-03			Inactive	Abandoned
025313A	Japan	2004-563482	19-Dec-03			Filed	Published
025313B	United States	11/960093	19-Dec-07			Filed	Published
025313A	France	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued
025313A	Germany	3780463	19-Dec-03	60323267.1-08	27-Aug-08	Granted	Issued
025313A	Great Britain	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued
025313A	Ireland	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued
025313A	Italy	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued
025313A	Spain	3780463	19-Dec-03	1590478	27-Aug-08	Granted	Issued

APPENDIX A (continued)

Docket Number	Country	Application Number	Application Date	Patent Number	Grant Date	Status	Sub Status
32066	United States	60/584461	30-Jun-04			Inactive	Lapsed
032066A	United States	11/046301	28-Jan-05			Inactive	Abandoned
032066A	Patent Cooperation Treaty	PCT/IB2005/002001	20-Jun-05			Inactive	Lapsed
032066A	European Patent Convention	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
032066A	Brazil	PI0512655-0	20-Jun-05			Inactive	Abandoned
032066A	Canada	2567753	20-Jun-05			Filed	Pending
032066A	Japan	2007-518728	20-Jun-05			Filed	Pending
032066A	Mexico	PA/A/2006/014548	20-Jun-05			Inactive	Abandoned
032066A	France	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
032066A	Germany	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
032066A	Great Britain	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
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032066A	Italy	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
032066A	Spain	05757545.8	20-Jun-05	1766070	17-Dec-08	Granted	Issued
032066A	European Patent Convention (DIVISIONAL)	EP08171697.9	15-Dec-08			Filed	Pending
032066B	United States (CONTINUATION)	12/369291	11-Feb-09			Filed	Pending