

12-07-2006

DEPARTMENT OF COMMERCE  
States Patent and Trademark Office

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)



103345874

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12-4-06

**1. Name of conveying party(ies)**

Gary E. GILBERT, MD  
Jialan SHI, MD, Ph.D.

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: DEPARTMENT OF VETERANS AFFAIRS

Internal Address: \_\_\_\_\_

OFFICE OF GENERAL COUNSEL - PSG IV (024)

Street Address: 810 VERMONT AVENUE, N.W.

City: WASHINGTON

State: D.C.

Country: U.S. Zip: 20420

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 25, 2006

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Serial No.: 10/516,450 - Filed: December 2, 2004

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: DINESH AGARWAL, ESQUIRE

Internal Address: \_\_\_\_\_

LAW OFFICE - DINESH AGARWAL, P.C.

Street Address: 5350 SHAWNEE ROAD

SUITE 330

City: ALEXANDRIA

State: VIRGINIA Zip: 22312

Phone Number: 703.642.9400

Fax Number: 703.642.9402

Email Address: da@patentidea.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 01-0433 (Deficiency)  
Authorized User Name DINESH AGARWAL

**9. Signature:** \_\_\_\_\_ 12/04/06  
Signature Date

12/06/2006 DBYRNE 00000073 10516450  
01 FC:8021

DINESH AGARWAL REG. NO. 31,809  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

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

**Continuation Sheet - Page 2**

Patent Assignment from Gary E. GILBERT, MD and JIALAN SHI, MD, Ph.D. (Assignors) to U.S. Department of Veterans Affairs and The Brigham & Women's Hospital, Inc. (Assignees).

S.N.: 10/516,450 - Filed: December 2, 2004

2. Name and address of receiving part(ies):

Name: The Brigham & Women's Hospital, Inc.

Internal Address: \_\_\_\_\_

\_\_\_\_\_

Street Address: 75 Francis Street

City: Boston State: MA ZIP: 02115

**ASSIGNMENT**

WHEREAS, we, GARY E. GILBERT, MD, residing at 176 Mystic Valley Parkway, Winchester, Massachusetts 01890, and JIALAN SHI, MD, Ph.D., residing at 56 Cypress Street, Apartment 2, Newton, Massachusetts 02459, have invented new and useful improvements in METHOD AND COMPOSITION FOR INHIBITING OR SLOWING BLOOD COAGULATION (hereinafter referred to as the Invention) for which we filed a provisional application in the United States Patent and Trademark Office on June 7, 2002, Serial No. 60/386,562, and for which we filed an International (PCT) application in the United States Receiving Office on June 6, 2003, Serial No. PCT/US03/15404; and for which we filed a regular (non-provisional) application in the United States Patent and Trademark Office for Letters Patent of the United States of America on December 2, 2004, which was accorded Serial No. 10/516,450.

WHEREAS, the United States of America, as represented by the U.S. Department of Veterans Affairs (hereinafter referred to as the GOVERNMENT), having a place of business at 810 Vermont Avenue, N.W., Washington, D.C. 20420, and The Brigham & Women's Hospital, Inc. (hereinafter referred to as BWH), a Massachusetts non-profit corporation, having a place of business at 75 Francis Street, Boston, Massachusetts 02115, are desirous of acquiring the entire right, title and interest in and to said Invention and said applications for Letters Patent and in

and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

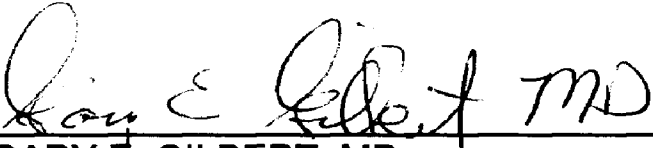
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and for other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, we, GARY E. GILBERT, MD, and JIALAN SHI, MD, Ph.D., hereby assign, sell and transfer unto said GOVERNMENT and BWH, the full and exclusive right to said Invention in the United States and its territorial possessions and in all foreign countries, and said applications for Letters Patent and any and all inventions disclosed therein and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, renewals, continuations-in-part and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said GOVERNMENT and BWH, as the assignees of our entire right, title and interest in and to the same, for the sole use and behoof of said GOVERNMENT and BWH, and their successors and assigns.

Further, we agree that we will communicate to said GOVERNMENT and BWH, or their representatives any facts known to us respecting said Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue, continuation, substitution, renewal, continuation-in-part, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said GOVERNMENT and BWH, make all rightful oaths and generally to do everything possible to aid said GOVERNMENT and BWH, their successors and assigns, to obtain and enforce protection for said Invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand this


25 day of October, 2006.


  
\_\_\_\_\_  
GARY E. GILBERT, MD.

County of SUFFOLK.

Before me personally appeared said Gary E. Gilbert and acknowledged the foregoing instrument to be his free act and deed this 25<sup>th</sup> day of OCTOBER 2006.

  
\_\_\_\_\_  
(NOTARY PUBLIC)

 **MARION WOODMAN RAPOZA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 15, 2012

  
\_\_\_\_\_  
JIALAN SHI, MD, Ph.D.

County of SUFFOLK .

Before me personally appeared said Jialan Shi and acknowledged the foregoing instrument to be her free act and deed this 25<sup>th</sup> day of OCTOBER 2006.

  
\_\_\_\_\_  
(NOTARY PUBLIC)



**MARION WOODMAN RAPOZA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 15, 2012