



06-09-2006

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office103253942  
**PATENTS ONLY**

HEET

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

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

Nathan RAVI

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

Name: The Department of Veterans Affairs

Internal Address: Technology Transfer Program  
Office of Research and  
Development

Street Address: 810 Vermont Avenue, NW

City: Washington

State: D.C. Zip: 20420

Country: United States of America

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) March 22, 2006

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

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

A. Patent Application No.(s)

10/706,081

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Customer No.: 27557  
Blank Rome LLP  
600 New Hampshire Avenue, N.W.  
Washington, D.C. 20037  
Phone: 202-772-5800  
Fax: 202-572-8398Attorney Docket No.: 111828-00110**6. Total number of applications and patents involved:** 1**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

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

**8. Deposit account number:** 23-2185

(Attach duplicate copy of this page if paying by deposit account)

**9. Signature:**

Signature

June 6, 2006

Date

Charles R. Wolfe, Jr.

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, VA 22313-1450

06/08/2006 NJAMA1 00000060 10706081

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(40.00 OP)

**2. Name and address of second receiving party:**

Name: The Washington University in St. Louis

Street Address: One Brookings Drive

City: St. Louis

State: MO

Zip: 63130

Country: United States of America

**ASSIGNMENT**

THIS ASSIGNMENT, made on the date set forth below by Nathan Ravi  
(hereinafter referred to as the assignor), residing at 15509 Hitchcock Road,  
Chesterfield, MO 63017, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements  
in Reversible Hydrogel Systems and Methods Therefor set forth in an application for  
Letters Patent of the United States, Serial No. 10/706,081, filed November 13, 2003;  
and

WHEREAS, The United States of America as represented by The Department of  
Veterans Affairs, whose post office address is Technology Transfer Program, Office of  
Research and Development, 810 Vermont Avenue, N.W., Washington, D.C. 20420,  
and The Washington University in St. Louis, whose post office address is One  
Brookings Drive, St Louis, MO 63130 (hereinafter referred to as the assignees) is  
desirous of acquiring the entire right, title and interest in and to said inventions and  
said application for Letters Patent of the United States, and in and to any Letters  
Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and  
sufficiency of which is hereby acknowledged, the said assignor has sold, assigned,  
transferred and set over, and by these presents does sell, assign, transfer and set over,  
unto the assignee, its successors, legal representatives and assigns, the entire right,  
title and interest in and to the above-mentioned inventions, application for Letters  
Patent, and any and all Letters Patent or Patents in the United States of America and  
all foreign countries which may be granted therefor and thereon, and in and to any and

all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives 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 the assignor, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successors, legal representatives and assigns, that the said assignor will, whenever counsel of the said assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign

all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignor, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

The undersigned hereby grants the firm of BLANK ROME LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 3/22/06.

Nathan Ravi  
Nathan Ravi

STATE OF  
COUNTY OF

On this       day of       200       , personally before me came       , known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC

My Commission Expires: