

05-05-2003

et No.: 3230.1004-001

RECORDATION F

5-2-03 PATEN



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To the Commissioner, United States Patent and Trademark Office: Please record the attached...

ats or copy thereof.

1. Name of conveying party(ies) 1) Michael G. Hogg 2) James A. Holland Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Department of Veterans Affairs</u> Internal Address: _____ _____ Street Address: <u>810 Vermont Avenue N.W.</u> City: <u>Washington</u> State: <u>D.C.</u> ZIP: <u>20420</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>1) 04/07/03</u> <u>2) 03/04/03</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/287,434</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Carolyn S. Elmore, Esq.</u> Internal Address: _____ <u>Hamilton, Brook, Smith & Reynolds, P.C.</u> _____ Street Address: <u>530 Virginia Road, P.O. Box 9133</u> _____ City: <u>Concord</u> State: <u>MA</u> ZIP: <u>01742-9133</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 C.F.R. 3.41)..... \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>08-0380</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div> <u>Carolyn S. Elmore</u> Name of Person Signing </div> <div> Signature </div> <div> <u>4/28/03</u> Date </div> </div> Total number of pages including cover sheet, attachments, and document: <u>[7]</u>			

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FINANCE SECTION

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PATENT
REEL: 014014 FRAME: 0967

Multi-JointASSIGNMENT

WHEREAS, we, **Michael G. Hogg** and **James A. Holland**, together with co-inventors **Jonathan S. Dordick** and **Lakshmi Santhanam**, have invented a certain improvement in **SOLID-PHASE ARRAY-BASED BIOCATALYTIC TRANSFORMATIONS** described in an application for Letters Patent of the United States, the specification of which:

[] is being executed on even date herewith and is about to be filed in the United States Patent Office;

[X] was filed on **November 1, 2002** as Application No. **10/287,434**;

[] was patented under U.S. Patent No. [] on [].

WHEREAS, **the Government of the United States, as represented by the Secretary, Department of Veterans Affairs** (hereinafter "ASSIGNEE"), desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Michael G. Hogg

Michael G. Hogg

State/Commonwealth

of New York

County of Rensselaer

Then personally appeared before me the above-named **Michael G. Hogg** and acknowledged that he executed the foregoing instrument as his free act and deed this 7 day of April, 2003.

(SEAL)

ELEANOR F. MEYER

Notary Public, State of New York

Residing in Albany County

Commission Expires Mar. 30, 2007

4609048

2007

Eleanor F. Meyer

Notary Public

Eleanor F. Meyer

(print name)

My Commission expires 03/30/07

Inventor's Signature: _____

James A. Holland

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **James A. Holland** and acknowledged that she executed the foregoing instrument as her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

@PFDesktop\::ODMA/MHODMA/iManage;376905;1

Multi-JointASSIGNMENT

WHEREAS, we, **Michael G. Hogg** and **James A. Holland**, together with co-inventors **Jonathan S. Dordick** and **Lakshmi Santhanam**, have invented a certain improvement in **SOLID-PHASE ARRAY-BASED BIOCATALYTIC TRANSFORMATIONS** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **November 1, 2002** as Application No. **10/287,434**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **the Government of the United States, as represented by the Secretary, Department of Veterans Affairs** (hereinafter "ASSIGNEE"), desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Michael G. Hogg

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Michael G. Hogg** and acknowledged that he executed the foregoing instrument as his free act and deed this _____ day of _____, 20_____.

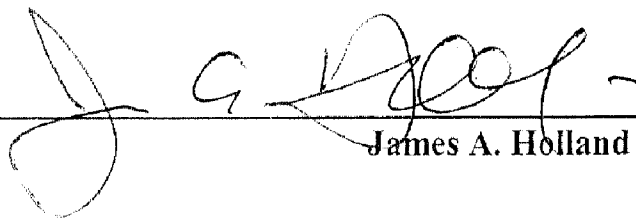
(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____


James A. Holland

State/Commonwealth

of

New York

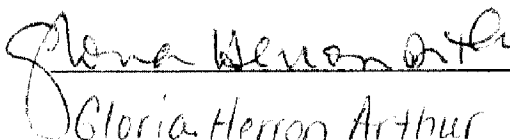
County of

Albany

Then personally appeared before me the above-named **James A. Holland** and acknowledged that she executed the foregoing instrument as her free act and deed this 4th day of March, 2003.

(SEAL)

GLORIA HERRON ARTHUR
Notary Public, State of New York
No. 02AR4867078
Qualified in Albany County
Commission Expires July 14, 2006

 Notary Public
Gloria Herron Arthur (print name)

My Commission expires 07 / 14 / 06

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