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idemark Office
NLY
2. Name and address of receiving party:
Name: PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC,
One Rodney Square, Wilmington, Delaware 19801, USA  Street Address:  Additional name(s) & address(es) attached?Yesx No
B. Patent No(s).:
6. Total number of applications and patents involved:1
7. Total fee (37 CFR 3.41) \$ 40.00_
X Enclosed
Authorized to be charged to deposit account any deficiency in fees.
8. Deposit account number:
THIS SPACE
going information is true and correct and any attached  MACL 2/200  Signature  Date

Mail documents to be recorded with required cover sheet information to:MS assignment Recordation services

Director of the U.S. Patent and Trademark office, P.O. Box 1450, Alexandria, VA

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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

1-31-92

Potent and Tradomark Office

**DOCKET NO.:** 21267-101

Additional Names of the

Additional Names of the

Conveying Parties

Receiving Parties

PROMETIC BIOSCIENCES, LTD

PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, One Rodney Square, Wilmington, Delaware

19801, USA

Execution:

Name: Steven J. Burton

Date:

Page 2 of 2

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03-20-2	2006 ——
ORM PTO-1595	(I.S. DE. IMEN) OF COMMERCE
DOCKET NO.: 21267-101 103200	371 3.1300
Name of conveying party:	2. Name and address of receiving party:
THE AMERICAN NATIONAL RED CROSS	Name: PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC.
Additional name(s) of conveying party(ies) attached? x Yes No	One Rodney Square, Wilmington,
3. Nature of conveyance:	Delaware 19801, USA
_x_ Assignment Merger	
Security Agreement Change of Name	
Other	Street Address:
Execution:	Additional name(s) & address(es) attached?Yesx No
Name: Roger Dodd	Additional inguisites & and obstony and obstony
Date:	1
	<u> </u>
4. Application number(s) or patent number(s)	
No. 10/817,117	d the first policy in
If the document is being filed together with a new application, the er	Recution date of the approximation is:
A. Patent Application No.	B. Patent No(s).:
Additional numbers attache  5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: HOURI KHAUUAN	7. Total fee (37 CFR 3.41) \$ 40.00
Internal address: Patent Attorney	X Enclosed
LAW OFFICES OF KHALILIAN SIRA, LLC	Authorized to be charged to deposit account any deficiency in fecs.
Street address: 9100 Persitumon Tree Road,	8. Deposit account number:
City: Potomise; State: MD; ZIP: 20854.	
DO NOT USE	THIS SPACE
9. Statement and signature.	
	egoing information is true and correct and any attached
HOURIKHALILIAN, Reg. No. 39.546	fortace Moche
Name and registration number of person signing	Signature Date
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Director of the U.S. Patent and Trademark office, P.O. Box 1450, Alexandria, VA

Additional Names of the conveying parties

Additional Names of the Receiving Parties

RUBEN G. CARBONELL

NORTH CAROLINA STATE UNIVERSITY,

2401 Research Drive, Suite 1122, Raleigh, NC 27695-8218

Execution:

Date:

2/14/06

age 2 of 2

HOURI KHALILIAN

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1-31-92

Patent and Yesdemark Office

**DOCKET NO.:** 21267-101

Additional Names of the Conveying Parties Additional Names of the Receiving Parties

PROMETIC BIOSCIENCES, LTD

PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, One Rodney Square, Wilmington, Delaware 19801, USA

Execution:

Name: Steven J. Burton

Date: 8th February 2006

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PAGE 84

#### ASSIGNMENT

WHEREAS, we, RUBEN G. CARBONELL, a citizen of the United States of America, residing at \$105 Godfrey Drive, Raleigh, NC 27612, USA, HONGLUE SHEN, a citizen of the People's Republic of Chica residing at 2616 Alder Ridge Laur, Releigh, NC 27603, USA, PATRICK V. GURGEL, a citizen of Brazil, residing at 3133 Alicen Drive, Raleigh, NC 27606, USA, and VITEROSE WILTSHIRE-LYERLY, a citizen of the United States of America, residing at 4716 Marathon Lane, Raleigh, NC 27616, USA; together with DAVID J. HAMMOND, and STEVEN J. BURTON, have invented screaks inventions and improvements disclosed in a Utility patent application emitted "PREON PROTEIN BUNDING MATERIALS AND METHODS OF USE", filled in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S. Application No. 10/317,117; and

WHEREAS, NORTH CAROLINA STATE UNIVERSITY, having a principal place of business at 2401 Research Drive, Suite 1122, Raieigh, NC 27695-5218, USA is destrous of acquiring an interest in the same;

NOW, THERSFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, RUBEN G. CARBONELL, ECONCLUE SHEN, PATRICK V. GURGEL, and VITEROSE WILTSHIKE-LYBRLY, by these presents do sell, assign and transfer unto NORTH CAROLINA STATE UNIVERSITY, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to said Utility application.

For the same consideration, we, by these presents do sell, assign, and transfer to NORTH CAROLINA STATE UNIVERSITY, the full, exclusive, and entire right, this and interest in

PAGE 85

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QP5

and to any foreign application or applications corresponding to said Utility application, in whole or its part, in countries other than the United States, in said to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of NORTH CAROLINA STATE UNIVERSITY, or its designed insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all Utility applications and other applications, make all easignments and rightful eaths, and generally do everything possible to aid NORTH CAROLINA STATE UNIVERSITY, its, successors, assigns, and nominous, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated;	1/12/06	AUBENC, CARBONELL
Deted:	2/15/06	Hopesh
Dated:	ellele£	PATRICE V. GURGEL

MINEROSE WILTERIA VERILLE DE VILLE DE V

WHEREAS, PROMETIC BIOSCIENCES, LTD, a company organized and existing under the laws of Isle of Man, having a principal place of business at Freeport, Ballasalla, Isle of Man, IM9 2AP British Isles, has interest in inventions and improvements disclosed in a Utility patent application entitled "PRION PROTEIN BINDING MATERIALS AND METHODS OF USE", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S. Application No. 10/817,117; and

WHEREAS, PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, a company organized and existing under the laws of Delaware having a principal place of business at One Rodney Square, Wilmington, Delaware 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, PROMETIC BIOSCIENCES, LTD, by these presents do sell, assign and transfer unto PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, PROMETIC BIOSCIENCES, LTD, by these presents do sell, assign, and transfer to PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising

05/09/2006 01:18 HOURI KHALILIAN 3013653242 PAGE 18/24

from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, or its designee

insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Utility applications and other applications, make all assignments and rightful oaths, and generally do DIAGNOSTIC AND REMOVAL **PATHOGEN** said possible to everything TECHNOLOGIES, INC, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Steven J. Burton

REEL: 018183 FRAME: 0802

WHEREAS, THE AMERICAN NATIONAL RED CROSS, a non profit, charitable corporation chartered by an act of the United States Congress of January 5, 1905, as amended, codified at 36 U.S.C. 300101 et seq. with an office located at 15601 Crabbs Branch Way, Rockville, MD 20855, USA has interest in inventions and improvements disclosed in a Utility patent application entitled "PRION PROTEIN BINDING MATERIALS AND METHODS OF USE", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S Application No. 10/817,117; and

WHEREAS, PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, a company organized and existing under the laws of Delaware having a principal place of business at One Rodney Square, Wilmington, Delaware 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE AMERICAN NATIONAL RED CROSS, by these presents do sell, assign and transfer unto PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, THE AMERICAN NATIONAL RED CROSS, by these presents do sell, assign, and transfer to PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on

05/09/2006 01:18 3013653242 HOURI KHALILIAN PAGE 20/24

said foreign applications, and in and to the right to claim any applicable priority rights arising

from or required for said foreign applications under the terms of any applicable conventions,

treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of

PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC, or its designee

insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Utility

applications and other applications, make all assignments and rightful oaths, and generally do

everything possible to said PATHOGEN REMOVAL AND DIAGNOSTIC

TECHNOLOGIES, INC, its successors, assigns, and nominees, to obtain and enforce proper

protection for all said inventions and improvements in all countries throughout the world.

Dated:

January 10th, 2006

Roger Dodd, Ph.D.

WHEREAS, I, STEVEN J. BURTON, a citizen of the United Kingdom, residing at 23 Harlton Road, Little Eversden, Cambridge CB3 7HB, United Kingdom, together with RUBEN G. CARBONELL, HONGLUE SHEN, PATRICK V. GURGEL, VITEROSE WILTSHIRE-LYERLY, and DAVID J. HAMMOND, have invented certain inventions and improvements disclosed in a Utility patent application entitled "PRION PROTEIN BINDING MATERIALS AND METHODS OF USE", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S. Application No. 10/817,117; and

WHEREAS, PROMETIC BIOSCIENCES, LTD, a company organized and existing under the laws of Isle of Man, having a principal place of business at Freeport, Ballasalla, Isle of Man, IM9 2AP British Isles, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, STEVEN J. BURTON, by these presents do sell, assign and transfer unto **PROMETIC BIOSCIENCES**, LTD, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, I, by these presents do sell, assign, and transfer to **PROMETIC BIOSCIENCES**, LTD, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of

05/09/2006 01:18 3013653242 HOURI KHALILIAN PAGE 22/24

any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **PROMETIC BIOSCIENCES**, LTD, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Utility applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said **PROMETIC BIOSCIENCES**, LTD, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated: 8/2/2006

STEVEN J. BURTON

WHEREAS, I, DAVID J. HAMMOND, a citizen of Great Britain, residing at 4916 Ripplemead Court, Laytonsville, MD 20882, USA, together with RUBEN G. CARBONELL, HONGLUE SHEN, PATRICK V. GURGEL. VITEROSE WILTSHIRE-LYERLY, and STEVEN J. BURTON, have invented certain inventions and improvements disclosed in a Utility patent application entitled "PRION PROTEIN BINDING MATERIALS AND METHODS OF USE", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S. Application No. 10/817,117; and

WHEREAS, THE AMERICAN NATIONAL RED CROSS, a non profit, charitable corporation chartered by an act of the United States Congress of January 5, 1905, as amended, codified at 36 U.S.C. 300101 et seq. with an office located at 15601 Crabbs Branch Way, Rockville, MD 20855 is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, DAVID J. HAMMOND, by these presents do sell, assign and transfer unto THE AMERICAN NATIONAL RED CROSS, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, I, by these presents do sell, assign, and transfer to THE AMERICAN NATIONAL RED CROSS, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority

rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of THE AMERICAN NATIONAL RED CROSS, or its designer insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Unitry applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said THE AMERICAN NATIONAL RED CROSS, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated: January 12th 2006.

DAVID J. HAMMOND

ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION



## UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 26, 2006

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HOURI KHALILIAN PATENT ATTORNEY LAW OFFICES OF KHALILIAN SIRA, LLC 9100 PERSIMMON TREE ROAD POTOMAC, MD 20854

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RECORDATION DATE: 03/13/2006

REEL/FRAME: 017682/0091 NUMBER OF PAGES: 6

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TKET

ASSIGNOR:

AMERICAN NATIONAL RED CROSS, THE DOC DATE: 02/07/2006

ASSIGNOR:

BURTON, STEVEN J.

DOC DATE: 02/07/2006

ASSTGNEE:

PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLGIES, INC. ONE RODNEY SQUARE WILMINGTON, DELAWARE 19801

SERIAL NUMBER: 10817117

FILING DATE: 04/02/2004

PATENT NUMBER: ISSUE DATE:

TITLE: PRION PROTEIN BINDING MATERIALS AND METHODS OF USE

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017682/0091 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION



## UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office

JUNE 27, 2006

PTAS

\*103200371A\*

HOURI KHALILIAN
PATENT ATTORNEY
LAW OFFICES OF KHALILIAN SIRA, LLC
9100 PERSIMMON TREE ROAD
POTOMAC, MD 20854

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF NON-RECORDATION OF DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

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- 2. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. AN EXECUTION DATE MUST BE INDICATED FOR EACH CONVEYING PARTY.