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

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
LOUISE C. SHOWE - 3/22/06 ANDREY LOBODA - 4/07/06 MICHAEL K. SHOWE - 3/22/06	Name: The Wistar Institute of Anatomy and Biology
LASZLO KARI - 4/11/06 MICHAEL NEBOZHYN- 3/09/06	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Mo 3. Nature of conveyance/Execution Date(s):	Street Address: 3601 Spruce Street
Execution Date(s) SEE ABOVE	
Assignment Merger	
Security Agreement Change of Name	City: Philadelphia
Joint Research Agreement	State: Pennsylvania
Government Interest Assignment	Country: United States Zip: 19104-4268
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No
A. Patent Application No.(s) 10/558,252 Additional numbers att	B. Patent No.(s) ached? ☐ Yes ✓ No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: MARY E. BAK - HOWSON AND HOWSON	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address:	Authorized to be charged by credit card
	✓ Authorized to be charged to deposit account
Street Address: 501 OFFICE CENTER DRIVE, SUITE, 210	Enclosed
	None required (government interest not affecting title)
City: FORT WASHINGTON	8. Payment Information
State: PENNSYLVANIA Zip: 19034	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: <u>215-540-9200</u>	b. Deposit Account Number 08-3040
Fax Number: <u>215-540-5818</u>	·
Email Address: MEBAK@HOWSONANDHOWSON.COM	Authorized User Name <u>Howson AND Howson</u>
9. Signature: Moy 8. Box Signature	APRIL 18, 2006 Date
MARY E. BAK Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

<u>ASSIGNMENT</u>

WHEREAS, Louise C. Showe, Michael K. Showe, Laszlo Kari, Michael Nebozhyn, and Andrey Loboda, hereinafter referred to as ASSIGNORS, have co-invented and are the co-owners of an invention entitled <u>METHOD OF DIAGNOSIS OF CANCER BASED ON GENE EXPRESSION PROFILES IN CELLS</u> said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been filed on November 21, 2005 and given US Patent Application No. 10/558,252;

WHEREAS, The Wistar Institute of Anatomy and Biology, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania and engaged in business at 3601 Spruce Street, Philadelphia, Pennsylvania 19104-4268, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part;

And ASSIGNORS hereby authorize and request the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

PATENT REEL: 017498 FRAME: 0910

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 3-22-06

ouise C. Showe

NOTARIAL CERTIFICATE

State of

PA

County of

Philadelphia

: \$\$. .

Before me, the undersigned, a notary public, in and for the county aforesaid, on this Adday of March 2006, personally appeared Louise C. Showe, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he/she executed the same as his/her free act and deed and desired the same to be recorded as such.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL: --

JOYCE M. MACAULEY, Notary Public City of Philadelphia, Phila. County My Commission Expires June 28, 2008

Date 3-22-06

Michael K. Showe

NOTARIAL CERTIFICATE

State of

PA

. : SS.

County of

Philadelphia

Before me, the undersigned, a notary public, in and for the county aforesaid, on this <u>and day of March</u> 2006, personally appeared <u>Michael K. Showe</u> to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he/she executed the same as his/her free act and deed and desired the same to be recorded as such.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

JOYCE M. MACAULEY, Notary Public City of Philadelphia, Phila. County My Commission Expires June 28, 2008

Date 4/11/06

Laszlo Kari (SEAL)

NOTARIAL CERTIFICATE

State of

: ss.

County of

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Before me, the undersigned, a notary public, in and for the county aforesaid, on this day of 2006, personally appeared Laszlo Kari, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he/she executed the same as his/her free act and deed and desired the same to be recorded as such.

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PATENT REEL: 017498 FRAME: 0913

Date 03/09/2006

(SEAL)

Michael Nebozhyn

NOTARIAL CERTIFICATE

State of

County of

: PA : ss. : Philadelphia

Before me, the undersigned, a notary public, in and for the county aforesaid, on this day of MARCh 2006, personally appeared Michael Nebozhyn, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he/she executed the same as his/her free act and deed and desired the same to be recorded as such.

NOTARIAL SEAL

JOYCE M. MACAULEY, Notary Public City of Philadelphia, Phila, County My Commission Expires June 28, 2008

W\$T114AU\$A

07/07

Date April 7, 2006

Andrey Loboda

NOTARIAL CERTIFICATE

State of

PA

County of Philadelphia

: ss.

County of This was pulled

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2006, personally appeared Andrey Loboda, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he/she executed the same as his/her free act and deed and desired the same to be recorded as such.

COMMONWEALTH OF PENNSYLVANIA NOTARIAE-SEAL

JOYCE M. MACAULEY, Notary Public City of Philadelphia, Phila, County My Commission Expires June 28, 2006

RECORDED: 04/18/2006 REEL: 01

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