

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office


RECORDATION FORM COVER SHEET PATENTS ONLY

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

<p>1. Name of conveying party(ies)/Execution Date(s): CHI CHEN (12/10/2010), HUGH J. PECK (12/14/2010), MICHAEL PORTER (12/13/2010), GREGORY A. RICHART (12/10/2010), AND</p> <p>Execution Date(s): <u>in parentheses after inventor name</u></p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>BECTON, DICKINSON AND COMPANY</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p><u>1 BECTON DRIVE</u></p> <p>City: <u>FRANKLIN LAKES</u></p> <p>State: <u>NEW JERSEY</u></p> <p>Country: <u>United States of America</u> Zip: <u>07417</u></p> <p>Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	

<p>4. Application or patent number(s):</p> <p>A. Patent Application No.(s) <u>13/028,589</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><input type="checkbox"/> This document is being filed together with a new application.</p> <p>B. Patent No.(s)</p>
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<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Richard J. Botos</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ & MENTLIK, LLP</u></p> <p>Internal Address: Atty. Dkt.: _____</p> <p>Street Address: <u>600 South Avenue West</u></p> <p>City: <u>Westfield</u></p> <p>State: <u>NJ</u> Zip: <u>07090</u></p> <p>Phone Number: <u>(908) 654-5000</u></p> <p>Fax Number: <u>(908) 654-0415</u></p> <p>Email Address: <u>rbotos@ldlkm.com</u></p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>12-1095</u> Authorized User Name <u>Richard J. Botos</u></p>
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<p>9. Signature:</p> <p></p> <p>Signature</p> <p><u>Richard J. Botos - 32,016</u></p> <p>Name of Person Signing</p>	<p>April 1, 2011</p> <p>Date</p> <p>Total number of pages including cover sheet, attachments, and documents: <input type="text" value="9"/></p>
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CH \$40.00 121095 13028589

Form PTO-1595	RECORDATION FORM COVER SHEET (continued)
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):	
Ray A. Mc Millian (12/10/2010)	
Additional Assignees (2. Continued):	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

*Patent
P-9051*

ASSIGNMENT

Serial No.: 61/304,941

Filed: February 16, 2010

Serial No.:

Filed:

WHEREAS, Chi Chen, residing at 4 Cedar Tree Court, Apartment K, Cockeysville, Maryland 21093, a citizen of China; Hugh J. Peck, residing at 3213 Rocks Chrome Hill Road, Jarrettsville, Maryland, 21084, a citizen of the United States of America; Michael Porter, residing at 417 South Duncan Street, Baltimore, Maryland 21231, a citizen of the United States of America; Gregory A. Richart, residing at 84 East Padonia Road, Apartment 301, Timonium, Maryland 21093, a citizen of the United States of America; and Ray A. Mc Millian, residing at 714 Leister Drive, Timonium, Maryland 21093, a citizen of the United States of America (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

***ASSAY FOR DETECTING CLOSELY-RELATED SEROTYPES OF
HUMANPAPILLOMA (HPV) VIRUS***

for which they have executed a Declaration for an application for Letters Patent of the United States of America; and

WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application, whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions, provisionals, conversions of provisionals and continuations or continuations-in-part, thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and

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Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and

For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns; and

For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

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IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Hugh J. Peck
Hugh J. Peck

DATE: 12/14/2010

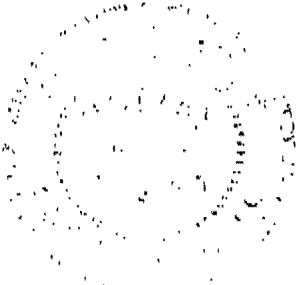
STATE OF Maryland)

ss:

COUNTY OF Baltimore)

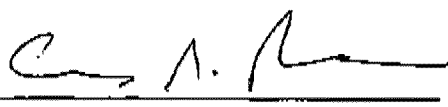
BE IT REMEMBERED, that on this 14th day of December, 2010, before me, a Notary Public, personally appeared Hugh J. Peck, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

Kelley A. Binko
Notary Public
My Commission Expires: 13-April-2013



Patent
P-9051

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

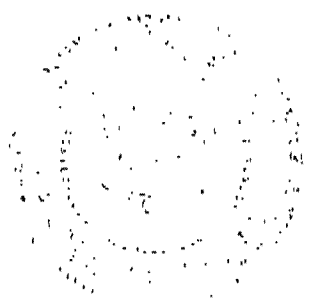


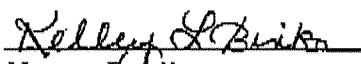
Gregory A. Richart

DATE: 12-10-10

STATE OF Maryland)
) *ss:*
COUNTY OF Baltimore)

BE IT REMEMBERED, that on this 10th day of December 2010, before me, a Notary Public, personally appeared Gregory A. Richart, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.




Notary Public
My Commission Expires: 13-Apr-2013

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P-9051

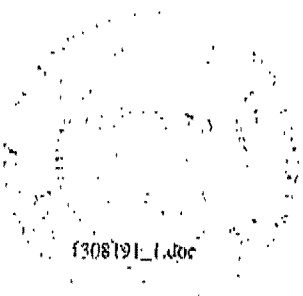
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Ray A. Mc Millian
Ray A. Mc Millian

DATE: 12 / 10 / 10

STATE OF Maryland)
 ss:
COUNTY OF Baltimore)

BE IT REMEMBERED, that on this 10th day of December, 2010, before me, a Notary Public, personally appeared Ray A. Mc Millian, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, I and having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.



Nelley G. Rinko
Notary Public
My Commission Expires: 13-Apr-2013