

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Richard F. Ambinder	05/18/2005
Yiping Yang	02/24/2006
Ivan M. Borrello	03/13/2006
Hyam I. Levitsky	03/13/2006
RECEIVING PARTY DATA	
Name:	Johns Hopkins University School of Medicine
Street Address:	100 N. Charles Street
Internal Address:	5th Floor
City:	Baltimore
State/Country:	MARYLAND
Postal Code:	21201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10528311
CORRESPONDENCE DATA	
Fax Number:	(312)569-3559
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3125691485
Email:	msweetin@gcd.com
Correspondent Name:	Carol Larcher
Address Line 1:	Gardner Carton & Douglas LLP
Address Line 2:	191 N. Wacker Drive, Suite 3700
Address Line 4:	Chicago, ILLINOIS 60606-1698
ATTORNEY DOCKET NUMBER:	P2142US
NAME OF SUBMITTER:	Carol Larcher, Reg. No. 35,243

CH \$40.00 10528311

Total Attachments: 8

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PATENT
Attorney Docket No. P2142US
Client Reference: DM-4129

Gardner Carton & Douglas LLP

191 N. Wacker Drive
Suite 3700
Chicago, Illinois 60606-1698

ASSIGNMENT

WHEREAS, WE,

Richard F. Ambinder
7 Selsed Garth
Lutherville, MD 21093-3978
U.S.A.;

Yiping Yang
205 Lake Manor Rd.
Chapel Hill, NC 27516
U.S.A.;

Ivan M. Borrello
912 Kingston Rd.
Baltimore, MD 21212
U.S.A.; and

Hyam I. Levitsky
12624 Waterspout Court
Owing Mills, MD 21117
U.S.A.;

have invented and own a certain invention entitled:

**CANCER IMMUNOTHERAPY WITH A VIRAL ANTIGEN-DEFINED,
IMMUNOMODULATOR-SECRETING CELL VACCINE**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on March 17, 2005, under U.S. Application No. 10/528,311, and

WHEREAS, JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, of 100 N. Charles Street, 5th Floor, Baltimore, MD 21201, U.S.A. (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 5/18/05 [Signature]
Richard F. Ambinder

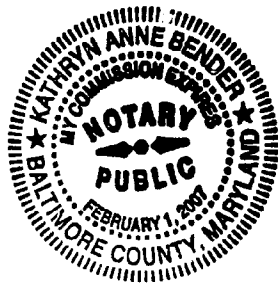
STATE OF MARYLAND)
COUNTY OF BALTIMORE) SS:

On this 18 day of MAY, 2005, before me, a Notary Public in and for said county, appeared Richard F. Ambinder, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 2/1/07

{SEAL}



IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 2/24/06 *Yiping Yang*
Yiping Yang

STATE OF NC)
) SS:
COUNTY OF Durham)

On this 24th day of February, 2006, before me, a Notary Public in and for said county, appeared Yiping Yang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Brenda J. Chavis
Notary Public
My Commission Expires: 8/5/06

{SEAL}

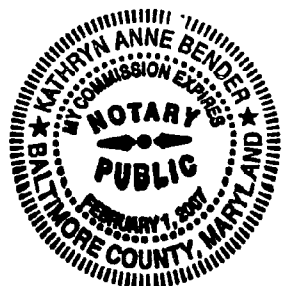
Date 5/19/05 *Ivan M. Borrello*
Ivan M. Borrello

STATE OF MARYLAND)
) SS:
COUNTY OF BALTIMORE)

On this 26 day of MAY, 2005, before me, a Notary Public in and for said county, appeared Ivan M. Borrello, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Kathryn Anne Bender
Notary Public
My Commission Expires: 2/1/07

{SEAL}



In re Appln. of Ambinder et al.
Attorney Docket No. P2142US

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____

Hyam I. Levitsky

STATE OF _____)

) SS:

COUNTY OF _____)

On this _____ day of _____, 2005, before me, a Notary Public in and for said county, appeared Hyam I. Levitsky, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

CH01/12419523.1

Gardner Carton & Douglas LLP

191 N. Wacker Drive
Suite 3700
Chicago, Illinois 60606-1698

ASSIGNMENT

WHEREAS, WE,

Richard F. Ambinder
7 Selsed Garth
Lutherville, MD 21093-3978
U.S.A.;

Yiping Yang
205 Lake Manor Rd.
Chapel Hill, NC 27516
U.S.A.;

Ivan M. Borrello
912 Kingston Rd.
Baltimore, MD 21212
U.S.A.; and

Hyam I. Levitsky
12624 Waterspout Court
Owing Mills, MD 21117
U.S.A.;

have invented and own a certain invention entitled:

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for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on March 17, 2005, under U.S. Application No. 10/528,311, and

WHEREAS, JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, of 100 N. Charles Street, 5th Floor, Baltimore, MD 21201, U.S.A. (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____

Richard F. Ambinder

STATE OF _____)

) SS:

COUNTY OF _____)

On this _____ day of _____, 2005, before me, a Notary Public in and for said county, appeared Richard F. Ambinder, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

=====

In re Appln. of Ambinder et al.
Attorney Docket No. P2142US

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____
Yiping Yang

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2005, before me, a Notary Public in and for said county, appeared Yiping Yang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public
My Commission Expires: _____

{SEAL}

Date 3/13/06

Ivan M. Borrello

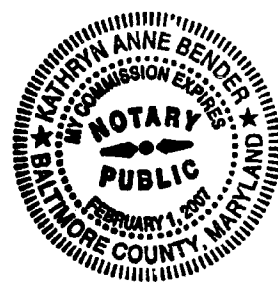
STATE OF Maryland)
) SS:
COUNTY OF Baltimore)

On this 13th day of March, 2006, before me, a Notary Public in and for said county, appeared Ivan M. Borrello, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Kathryn Anne Bender
Notary Public

My Commission Expires: 2/1/07

{SEAL}



In re Appln. of Ambinder et al.
Attorney Docket No. P2142US

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

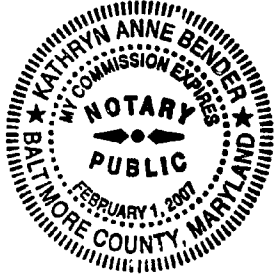
Date March 13, 2006

Hyam I. Levitsky
Hyam I. Levitsky

STATE OF MARYLAND)
COUNTY OF Baltimore) SS:

On this 13th day of March, 2006, before me, a Notary Public in and for said county, appeared Hyam I. Levitsky, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}



Kathryn Anne Bender
Notary Public

My Commission Expires: 2/1/07

CH01/12419523.1