

Form PTO-1595

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

(Rev. 6/93)

OMB No. 0651-0011 (exp. 4/94)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Drew M. Pardoll 4/30/04

Linzhaio Cheng 4/30/04

Yan Cui 6/16/04

Curt I. Civin 4/30/04

Katherine Whartenby 4/30/04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: _____

2. Name and address of receiving party(ies):

Name: The John Hopkins University

Internal Address: _____

Street Address: 3400 N. Charles StreetCity: BaltimoreState: MDZip 21218Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the filing date of the application is: _____

A. Patent Application No.(s) 10/471,559

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gillian M. FentonInternal Address: Foley Hoag LLPPatent DepartmentStreet Address: 155 Seaport Blvd.City: Boston State: MA ZIP 02210

6. Total number of applications and patents involved (1)

7. Total Fee (37 CFR 3.14).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1448, Ref.

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Gillian M. Fenton Reg. No. 36,508

Name of Person Signing and Reg. No.

Signature

July 20, 2004

Date

Total number of pages including cover sheet, attachments, and document: (4)

Mail documents to be recorded with required cover sheet information to:

Mail Stop: Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450, Alexandria VA 22313-1450

ASSIGNMENT

WHEREAS, we, Drew M. Pardoll, Linzhao Cheng, Yan Cui, Curt I. Civin and Katherine Whartenby, and have developed certain inventions described in a US patent application serial number 10/471,559 entitled MODULATION OF SYSTEMIC IMMUNE RESPONSES BY TRANSPLANTATION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH GENES ENCODING ANTIGENS AND ANTIGEN PRESENTING CELL REGULATORY MOLECULES, filed on September 12, 2003, having full right to convey our entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, THE JOHNS HOPKINS UNIVERSITY, ("Assignee"), of 3400 N. Charles Street, Baltimore, MD, 21218, a corporation of the State of Maryland, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

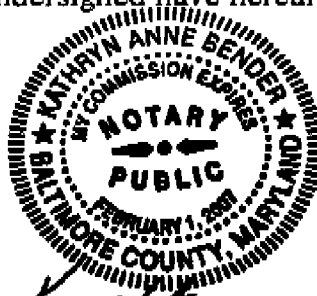
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Drew M. Pardoll
Drew M. Pardoll

State of Maryland)
County of BALTIMORE)



4/30/04

(Date)

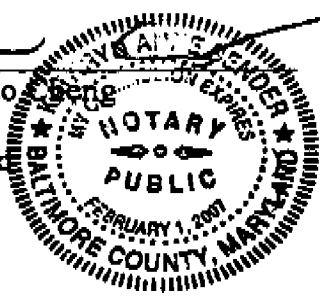
Kathryn Anne Bender
Notary Public

My commission expires 2/1/07

Linzhao

Linzhao

State of Maryland
County of



4-30-2004

(Date)

Kathryn Anne Bender

Notary Public

My commission expires for life

Yan Cui
Yan Cui

4-15-04

(Date)

State of ~~Maryland~~ Louisiana
County of ~~BALTIMORE~~ Orleans Parish

1
Notary Public

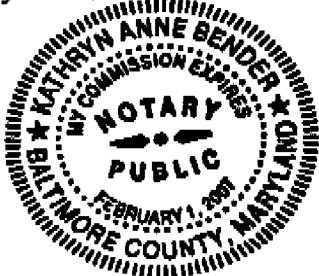
My commission expires _____

Curt I. Civin

Curt I. Civin

(Date)

State of Maryland)
County of BALTIMORE)



Kathryn Anne Bender
Notary Public

My commission expires 2/1/07

Katherine Whartenby

4/30/04

(Date)

State of Maryland)

County of Baltimore)



Kathryn Anne Bender

Notary Public

My commission expires

2/1/07

ASSIGNMENT

WHEREAS, we, Drew M. Pardoll, Linzhao Cheng, Yan Cui, Curt I. Civin and Katherine Whartenby, and have developed certain inventions described in a US patent application serial number 10/471,559 entitled MODULATION OF SYSTEMIC IMMUNE RESPONSES BY TRANSPLANTATION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH GENES ENCODING ANTIGENS AND ANTIGEN PRESENTING CELL REGULATORY MOLECULES, filed on September 12, 2003, having full right to convey our entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, THE JOHNS HOPKINS UNIVERSITY, ("Assignee"), of 3400 N. Charles Street, Baltimore, MD, 21218, a corporation of the State of Maryland, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Drew M. Pardoll

(Date)

State of Maryland)
County of)

Notary Public

My commission expires _____

Linzhao Cheng

(Date)

State of Maryland)
County of)

Notary Public

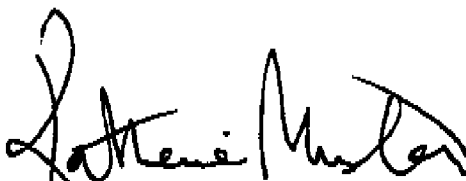
My commission expires _____



Yan Cui

(Date)

State of ~~Maryland~~ Louisiana)
County of Orleans)
Parish Orleans)



Notary Public

My commission expires

for life

06/16/04

(Date)

Curt L. Civin

State of Maryland)
County of)

Notary Public

My commission expires _____