

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chris Xu	12/04/2009
James Van Howe	12/03/2009
Jennifer Lee	12/04/2009
RECEIVING PARTY DATA	
Name:	Cornell Research Foundation, Inc.
Street Address:	395 Pine Tree Road, Suite 310
Internal Address:	Cornell Center for Technology, Enterprise & Commercialization
City:	Ithaca
State/Country:	NEW YORK
Postal Code:	14850
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12446619
CORRESPONDENCE DATA	
Fax Number:	(866)315-4114
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	585-263-1127
Email:	pknisley@nixonpeabody.com
Correspondent Name:	NIXON PEABODY LLP - PATENT GROUP
Address Line 1:	1100 CLINTON SQUARE
Address Line 4:	ROCHESTER, NEW YORK 14604-1792
ATTORNEY DOCKET NUMBER:	19603-5622
NAME OF SUBMITTER:	Patricia Knisley, Paralegal
Total Attachments: 4 source=20091207_Assignments_19603_5622#page1.tif	

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**PATENT
 REEL: 023613 FRAME: 0734**

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ASSIGNMENT

WHEREAS, WE, **Chris XU**, a United States citizen, residing at 5 Estates Drive, Ithaca, New York 14850; **James VAN HOWE**, a United States citizen, residing at 9 Reynolds Avenue, Apt. 4, Cortland, New York 13045, and **Jennifer LEE**, a United States citizen, residing at 542 Warren Road, #3, Ithaca, New York 14850 have invented certain new and useful improvements in **SYSTEM FOR PRODUCING OPTICAL PULSES OF A DESIRED WAVELENGTH USING CHERENKOV RADIATION** for which an application for Letters Patent in the United States or was filed as U.S. Serial No. **12/446,619**, based on PCT International Application No. **PCT/US2007/082623**, filed **26 October 2007**;

AND WHEREAS, **CORNELL RESEARCH FOUNDATION, INC.**, with its principal place of business at **Cornell Center for Technology, Enterprise & Commercialization ("CCTEC")**, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of December, 2009.

C. Xu
Chris Xu

STATE OF New York
COUNTY OF Tompkins SS:

This 4th day of December, 2009 before me personally came the above-named **Chris Xu** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

John C. Miner
Notary Public
Commission expires on Nov. 30, 2014
JOHN C. MINER
Notary Public, State of New York
No. 4514238
Qualified in Tompkins County
Commission expires 11-30-2014

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2009.

James Van Howe

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2009 before me personally came the above-named **James Van Howe** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of December, 2009.

J. Lee
Jennifer Lee

STATE OF New York
COUNTY OF Tompkins SS:

This 4th day of December, 2009 before me personally came the above-named **Jennifer Lee** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

John C. Miner
Notary Public
Commission expires on Nov. 30, 2014
JOHN C. MINER
Notary Public, State of New York
No. 4514238
Qualified in Tompkins County
Commission expires 11-30-2014

2618 LeClair St.
Davenport, IA 52803

ASSIGNMENT

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JUH
12-23-09

AND WHEREAS, **CORNELL RESEARCH FOUNDATION, INC.**, with its principal place of business at **Cornell Center for Technology, Enterprise & Commercialization ("CCTEC")**, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **CORNELL RESEARCH FOUNDATION, INC.**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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19603/5622 (CRF D-1964-08)

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2009.

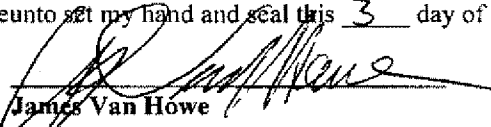
Chris Xu

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2009 before me personally came the above-named **Chris Xu** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.



Notary Public
Commission expires on _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of December, 2009.


James Van Howe

STATE OF IL
COUNTY OF Rock Island SS:

This 3 day of December 1, 2009 before me personally came the above-named **James Van Howe** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

witness 1: Cecilia J. Vogel
 12/3/09
witness 2: Nathan H. Frank
 12/3/09

Notary Public
Commission expires on _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2009.

Jennifer Lee

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2009 before me personally came the above-named **Jennifer Lee** to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____