

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3057976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANK W WISE	09/10/2014
ANDY CHONG	09/25/2014
WILLIAM RENNINGER	09/25/2014
RECEIVING PARTY DATA	
Name:	CORNELL UNIVERSITY
Street Address:	CORNELL CENTER FOR TECHNOLOGY, ENTERPRISE & COMMERCIALIZATION ("CCTEC")
Internal Address:	395 PINE TREE ROAD, SUITE 310
City:	ITHACA
State/Country:	NEW YORK
Postal Code:	14850
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14377841
CORRESPONDENCE DATA	
Fax Number:	(858)720-5819
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(858)720-5700
Email:	michellemelendez@perkinscoie.com
Correspondent Name:	BING AI
Address Line 1:	PERKINS COIE LLP
Address Line 2:	PO BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	078554-8009.US01
NAME OF SUBMITTER:	MICHELLE MELENDEZ
SIGNATURE:	/Michelle Melendez/
DATE SIGNED:	10/08/2014
Total Attachments: 8	
source=Executed Assignments#page1.tif	

source=Executed Assignments#page2.tif
source=Executed Assignments#page3.tif
source=Executed Assignments#page4.tif
source=Executed Assignments#page5.tif
source=Executed Assignments#page6.tif
source=Executed Assignments#page7.tif
source=Executed Assignments#page8.tif

ASSIGNMENT

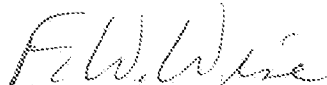
WHEREAS, We, **Frank W. Wise**, a United States citizen, residing at 142 Whitetail Drive, Ithaca, NY 14850, **Andy Chong**, a United States citizen, residing at 598 Shelbourne Lane, #102, Dayton, OH 45458, and **William Renninger**, a United States citizen, residing at 503 E. Buffalo Street, Ithaca, NY 14850, have invented certain new and useful improvements in **BROADBAND SHORT PULSE FIBER LASERS CAPABLE OF GENERATING OUTPUT SPECTRA BROADER THAN GAIN BANDWIDTH** for which an application for Letters Patent in the United States was filed as U.S. Serial No. **14/377,841** on **August 8, 2014**;

AND WHEREAS, **Cornell University**, 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:

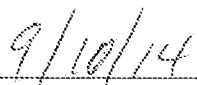
NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, 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 University**, 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 University**, 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 University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

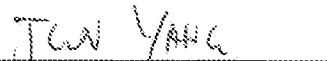
Witness Signature Option



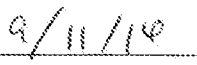
Frank W. Wise



Date



First Witness Signature



Date



First Witness Printed Name

[Signature]
Second Witness Signature

9/10/2014
Date

YUXING TANG
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2014

Frank W. Wise

STATE OF _____ :

COUNTY OF _____ :

This _____ day of _____, 2014, before me personally came the above-named _____, 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 _____

Witness Signature Option

[Signature]
Andy Chong

9/25/14
Date

[Signature]
First Witness Signature

9/15/14
Date

Henry Lorenz
First Witness Printed Name

[Signature]
Second Witness Signature

9/25/14
Date

Luqman HARTL
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2014

Andy Chong

STATE OF _____:

COUNTY OF _____:

This _____ day of _____, 2014, before me personally came the above-named _____, 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 _____.

Witness Signature Option

William Renninger

Date

First Witness Signature

Date

First Witness Printed Name

Second Witness Signature

Date

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2014

William Renninger

STATE OF _____ : _____

COUNTY OF _____ :

This ____ day of _____, 2014, before me personally came the above-named _____, 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 _____.

ASSIGNMENT

1000 (Patent Ref)
New Haven, CT 06511

WHEREAS, We, Frank W. Wise, a United States citizen, residing at 142 Whitetail Drive, Ithaca, NY 14850, Andy Chong, a United States citizen, residing at 598 Shelbourne Lane, #102, Dayton, OH 45458, and William Renninger, a United States citizen, residing at ~~563 E. Buffalo Street, Ithaca, NY 14850~~, have invented certain new and useful improvements in **BROADBAND SHORT PULSE FIBER LASERS CAPABLE OF GENERATING OUTPUT SPECTRA BROADER THAN GAIN BANDWIDTH** for which an application for Letters Patent in the United States was filed as U.S. Serial No. 14/377,841 on August 8, 2014;

AND WHEREAS, Cornell University, 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 University, 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 University, 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 University, 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 University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Witness Signature Option

Frank W. Wise

Date

First Witness Signature

Date

First Witness Printed Name

Second Witness Signature

Date

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2014

Frank W. Wise

STATE OF _____ : _____

COUNTY OF _____ :

This _____ day of _____, 2014, before me personally came the above-named _____, 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 _____.

Witness Signature Option

Andy Chong

Date

First Witness Signature

Date

First Witness Printed Name

Second Witness Signature

Date

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2014

Andy Chong

STATE OF _____ : _____

COUNTY OF _____ :

This ____ day of _____, 2014, before me personally came the above-named _____, 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 _____.

Witness Signature Option

[Signature]
William Renninger

9/25/2014
Date

[Signature]
First Witness Signature

9/25/2014
Date

Ryan Behunni
First Witness Printed Name

[Signature]
Second Witness Signature

9/25/2014
Date

Heedeuk Shin
Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2014

William Renninger

STATE OF _____ :

COUNTY OF _____ :

This _____ day of _____, 2014, before me personally came the above-named _____, 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 _____.