# PATENT ASSIGNMENT COVER SHEET

# Electronic Version v1.1 Stylesheet Version v1.2

## EPAS ID: PAT2662507

13863548

\$40.00

CH

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	
MARGARET FREY		06/13/2013	
DAEHWAN CHO		07/02/2013	
SANGGAP LEE		12/12/2013	
CHAE UN KIM		05/22/2013	
NIKOLAS HOEPKER		05/22/2013	
MARK W. TATE		06/14/2013	
MERYEM OZNUR PEHLIVANER KARA		06/21/2013	

Name:	
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:	13863548	

## CORRESPONDENCE DATA

Fax Number:	(716)849-0349	
Phone:	716-856-4000	
Email:	rwatt@hodgsonruss.com	
Correspondence will be sent via US Mail when the email attempt is unsuccessful.		
Correspondent Name:	RACHEL S. WATT	
Address Line 1:	HODGSON RUSS LLP	
Address Line 2:	140 PEARL STREET, SUITE 100	

# PATENT REEL: 031857 FRAME: 0729

### 502615926

Address Line 4: BUFFALO	NEW YORK 14202-4040
ATTORNEY DOCKET NUMBER:	018617.00466
NAME OF SUBMITTER:	RACHEL S. WATT
Signature:	/rachel s. watt#46186/
Date:	12/30/2013
Total Attachments: 32 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page9.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page13.tif source=Assignment#page15.tif source=Assignment#page15.tif source=Assignment#page16.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page12.tif source=Assignment#page21.tif source=Assignment#page22.tif source=Assignment#page22.tif source=Assignment#page23.tif source=Assignment#page25.tif source=Assignment#page24.tif source=Assignment#page25.tif source=Assignment#page24.tif source=Assignment#page24.tif source=Assignment#page24.tif source=Assignment#page25.tif source=Assignment#page24.tif	

#### **Cornell University ASSIGNMENT**

WHEREAS, We, Margaret Frey, a U.S. citizen, residing at 56 Janivar Drive, Ithaca, NY 14850, **Daehwan Cho**, a U.S. citizen, residing at 101 Uptown Road, Apartment #13, Ithaca, NY 14850, **SangGap Lee**, a Korean citizen, residing at 19 Weolpyeong-dong, Apartment 105-202, Seo-gu, Daejeon, Korea, **Chae Un Kim**, a U.S. citizen, residing at 118 Prospect Street, Apartment PC, Ithaca, NY 14850, **Nikolas Hoepker**, a U.S. citizen, residing at 711 Hanshaw Road, Ithaca, NY 14850, **Mark W. Tate**, a U.S. citizen, residing at 123 Cambridge Place, Ithaca, NY 14850, **Meryem Oznur Pehlivander Kara**, a U.S. citizen, residing at 220A Eastern Heights Drive, Ithaca, NY 14850, have invented certain new and useful improvements in **CONDUCTING POLYMER NANOFIBERS, METHODS OF MAKING AND USING SAME, AND USES THEREOF** for which an application for Letters Patent in the United States was filed as U.S. Serial No. **13/863,548** on **April 16, 2013**, claiming priority to U.S. Provisional Application No. 61/635,012 filed on April 18, 2012;

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. Assignment of Application No. 13/863,548 to Cornell University

Date

Witness Signature Option

Margaret Fi

First Witness Signature

Date

Date

First Witness Printed Name

Second Witness Signature

Second Witness Printed Name

### Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this	13+h day of
JUNE, 2013	

STATE OF NEW YAR COUNTY OF TOHPKINS

This  $\underline{/3^{H}}_{day}$  of  $\underline{/UNE}_{day}$ , 2013, before me personally came the above-named <u>Margaret Frey</u>, 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

1/20/14 Commission expires on

CHRISTINE CHRISTIAN Notary Public. State of New York No. 01CHS051126 Qualitied in Tompkins County Commission Expires November 20, 20

> PATENT REEL: 031857 FRAME: 0732

Page 2 of 8

Assignment of Application No. 13/863,548 to Cornell University

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 $\frac{n/2}{20013}$ 

Daehwan Cho

Witness Signature Option

First Witness Signature

First Witness Printed Name

Second Witness Signature

Date

Date

Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereinto set my hand and seal this \_\_\_\_\_ day of 

STATE OF \_\_\_\_\_:

COUNTY OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named Daehwan Cho 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 \_\_\_\_\_.

PATENT REEL: 031857 FRAME: 0733

Page 3 of 8

Assignment of Application No. 13/863,548 to Cornell University

Page 4 of 8

Sanglyp Lee Dec. 12, 20/3 Date Date

SangGap I

Witness Signature Option

First Witness Signature

Dec . 12. 2013

Dec. 12. 2013 Date

Gaehang Lee First Wimess Prigted Name

Second Witness Signature

Changsoo Kim

Second Witness Printed Name

#### Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of . 2013

STATE OF COUNTY OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named SangGap 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

Chae Un Kim	Date	
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun , 2013	to set my hand and seal this	day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Chae Un Kim</u> to me perso same of his/her own free will for the purpose		onally came ecuted the
Notary Public	Commission expires on	

Nikolas Hoepker	Date
Witness Signature Option	
First Witness Signature	Date
First Witness Printed Name	_
Second Witness Signature	Date
Second Witness Printed Name	_
Notary Option	
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this day of
STATE OF : COUNTY OF :	
This day of the above-named <u>Nikolas Hoepker</u> to me p same of his/her own free will for the purpos	, 2013, before me personally came bersonally known as the individual who executed the ses therein set forth.
Notary Public	Commission expires on

Mark W. Tate	Date	_
Witness Signature Option		
First Witness Signature	Date	_
First Witness Printed Name	_	
Second Witness Signature	Date	_
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun , 2013	to set my hand and seal this	_ day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Mark W. Tate</u> to me pers same of his/her own free will for the purpose		sonally came executed the
Notary Public		

Commission expires on \_\_\_\_\_

Meryem Oznur Pehlivander Kara	Date
Witness Signature Option	
First Witness Signature	Date
First Witness Printed Name	
Second Witness Signature	Date
Second Witness Printed Name	-
Notary Option	
IN TESTIMONY WHEREOF, I hereunto, 2013	to set my hand and seal this day of
STATE OF: COUNTY OF:	
	, 2013, before me personally came der Kara to me personally known as the individua vill for the purposes therein set forth.
Notary Public	Commission expires on

018617.00466 Business 11248807v2

### Cornell University ASSIGNMENT

May 22, 2013 CK

, Korean

WHEREAS, We, Margaret Frey, a U.S. citizen, residing at 56 Janivar Drive, Ithaca, NY 14850, Daehwan Cho, a U.S. citizen, residing at 101 Uptown Road, Apartment #13, Ithaca, NY 14850, SangGap Lee, a Korean citizen, residing at 19 Weolpyeong-dong, Apartment 105-202, Seo-gu, Daejeon, Korea, Chae Un Kim, a Sc. citizen, residing at 118 Prospect Street, Apartment PC, Ithaca, NY 14850, Nikolas Hoepker, a U.S. citizen, residing at 711 Hanshaw Road, Ithaca, NY 14850, Mark W. Tate, a U.S. citizen, residing at 123 Cambridge Place, Ithaca, NY 14850, Meryem Oznur Pehlivander Kara, a U.S. citizen, residing at 220A Eastern Heights Drive, Ithaca, NY 14850, have invented certain new and useful improvements in CONDUCTING POLYMER NANOFIBERS, METHODS OF MAKING AND USING SAME, AND USES THEREOF for which an application for Letters Patent in the United States was filed as U.S. Serial No. 13/863,548 on April 16, 2013, claiming priority to U.S. Provisional Application No. 61/635,012 filed on April 18, 2012;

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.

Margaret Frey	Date	
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	-
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereun, 2013	nto set my hand and seal this	day of
STATE OF::		
		onally came secuted the
Notary Public		

Commission expires on \_\_\_\_\_.

Daehwan Cho	Date	
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	-
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereum, 2013	nto set my hand and seal this	day of
STATE OF:		
		onally came accuted the
Notary Public		

Commission expires on \_\_\_\_\_\_.

SangGap Lee	Date	-
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	_day of
STATE OF: COUNTY OF:		
This day of the above-named <u>SangGap Lee</u> to me perso same of his/her own free will for the purpos		onally came ecuted the
Notary Public	Commission expires on	

Assignment of Application No. 13/863,548 to Cornell University

m Chae Un Kim

Page 5 of 8

22, 2013

Witness Signature Option

\*\*-----Witness Signature

5/22/2013

Date

First Witness Printed Name

knnifer Wierman

Kithen Second Witness Signature

5/22/2013 Date

Kathevine Green Second Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of , 2013

STATE OF \_\_\_\_\_:\_\_\_\_:

COUNTY OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named Chae Un Kim 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

Nikolas Hoepker	Date	-
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name		
Second Witness Signature	Date	-
Second Witness Printed Name		
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereu, 2013	unto set my hand and seal this	_day of
STATE OF : COUNTY OF :		
This day of the above-named <b><u>Nikolas Hoepker</u></b> to me same of his/her own free will for the purpo		onally came executed the
Notary Public	Commission expires on	

the

Mark W. Tate	Date	
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	_
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	day of
STATE OF : COUNTY OF :		
This day of the above-named Mark W. Tate to me personance of his/her own free will for the purpos		rsonally came executed the
Notary Public		

Commission expires on \_\_\_\_\_

Meryem Oznur Pehlivander Kara	Date
Witness Signature Option	
First Witness Signature	Date
First Witness Printed Name	-
Second Witness Signature	Date
Second Witness Printed Name	-
Notary Option	
IN TESTIMONY WHEREOF, I hereunt, 2013	to set my hand and seal this day of
STATE OF : COUNTY OF :	
	, 2013, before me personally came der Kara to me personally known as the individual vill for the purposes therein set forth.
Notary Public	Commission expires on

### **Cornell University ASSIGNMENT**

WHEREAS, We, **Margaret Frey**, a U.S. citizen, residing at 56 Janivar Drive, Ithaca, NY 14850, **Daehwan Cho**, a U.S. citizen, residing at 101 Uptown Road, Apartment #13, Ithaca, NY 14850, **SangGap Lee**, a Korean citizen, residing at 19 Weolpyeong-dong, Apartment 105-202, Seo-gu, Daejeon, Korea, **Chae Un Kim**, a U.S. citizen, residing at 118 Prospect Street, Apartment PC, Ithaca, NY 14850, **Nikolas Hoepker**, a U.S. citizen, residing at 711 Hanshaw Road, Ithaca, NY 14850, **Mark W. Tate**, a U.S. citizen, residing at 123 Cambridge Place, Ithaca, NY 14850, **Meryem Oznur Pehlivander Kara**, a U.S. citizen, residing at 220A Eastern Heights Drive, Ithaca, NY 14850, have invented certain new and useful improvements in **CONDUCTING POLYMER NANOFIBERS, METHODS OF MAKING AND USING SAME, AND USES THEREOF** for which an application for Letters Patent in the United States was filed as U.S. Serial No. **13/863,548** on **April 16, 2013**, claiming priority to U.S. Provisional Application No. 61/635,012 filed on April 18, 2012;

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.

Margaret Frey	Date	-
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	-
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun, 2013	to set my hand and seal this	_day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Margaret Frey</u> , to me pers- same of his/her own free will for the purpose		sonally came xecuted the
Notary Public		

Commission expires on \_\_\_\_\_.

Daehwan Cho	Date	
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	day of
STATE OF: COUNTY OF:		
		onally came accuted the
Notary Public		

Commission expires on \_\_\_\_\_.

SangGap Lee	Date	-
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	_day of
STATE OF: COUNTY OF:		
This day of the above-named <u>SangGap Lee</u> to me perso same of his/her own free will for the purpos		onally came ecuted the
Notary Public	Commission expires on	

Chae Un Kim	Date	
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun , 2013	to set my hand and seal this	day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Chae Un Kim</u> to me perso same of his/her own free will for the purpose		onally came ecuted the
Notary Public	Commission expires on	

Assignment of Application No. 13/863,548 to Cornell University

11 5

Nikolas Hoepker

- 2013 Date

Witness Signature Option

Witness-Signature

Dwyer Rya First Wi

itness Printed, Narhe

Second Witness Signature

Louisa Smieska Second Witness Printed Name

<u>05 - 22 - 2013</u> Date

0<u>5-22-Da</u>

**Notary Option** 

Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ \_ day of

....., 2013

STATE OF \_\_\_\_\_:\_\_\_\_:

COUNTY OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named Nikolas Hoepker 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 \_\_\_\_\_

PATENT REEL: 031857 FRAME: 0752

Page 6 of 8

Assignment of Application No. 13/863,548 to Cornell University

6-14-2013

Date

### **Witness Signature Option**

First Witness Signature

6-14-2013

<u>6-14-2013</u> Date

Date

First Witness Printed Name

Hugh Philipp

Second Witness Signature PRAFULL PURGHIT

Second Witness Printed Name

### Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_\_ day of \_\_\_\_\_, 2013

STATE OF \_\_\_\_\_:\_\_\_:

COUNTY OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named Mark W. Tate 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 \_\_\_\_\_

Page 7 of 8

Meryem Oznur Pehlivander Kara	Date
Witness Signature Option	
First Witness Signature	Date
First Witness Printed Name	
Second Witness Signature	Date
Second Witness Printed Name	-
Notary Option	
IN TESTIMONY WHEREOF, I hereunto, 2013	to set my hand and seal this day of
STATE OF: COUNTY OF:	
	, 2013, before me personally came der Kara to me personally known as the individua vill for the purposes therein set forth.
Notary Public	Commission expires on

#### **Cornell University ASSIGNMENT**

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Margaret Frey	Date	-
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	-
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun, 2013	to set my hand and seal this	_day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Margaret Frey</u> , to me pers- same of his/her own free will for the purpose		sonally came xecuted the
Notary Public		

Commission expires on \_\_\_\_\_.

Daehwan Cho	Date	
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	day of
STATE OF: COUNTY OF:		
		onally came accuted the
Notary Public		

Commission expires on \_\_\_\_\_\_.

SangGap Lee	Date	-
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
Notary Option		
IN TESTIMONY WHEREOF, I hereur , 2013	nto set my hand and seal this	_day of
STATE OF: COUNTY OF:		
This day of the above-named <u>SangGap Lee</u> to me perso same of his/her own free will for the purpos		onally came ecuted the
Notary Public	Commission expires on	

Chae Un Kim	Date	
Witness Signature Option		
First Witness Signature	Date	
First Witness Printed Name	_	
Second Witness Signature	Date	
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun , 2013	to set my hand and seal this	day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Chae Un Kim</u> to me perso same of his/her own free will for the purpose		onally came ecuted the
Notary Public	Commission expires on	

Nikolas Hoepker	Date	-
Witness Signature Option		
First Witness Signature	Date	-
First Witness Printed Name		
Second Witness Signature	Date	-
Second Witness Printed Name		
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereu, 2013	unto set my hand and seal this	_day of
STATE OF : COUNTY OF :		
This day of the above-named <b><u>Nikolas Hoepker</u></b> to me same of his/her own free will for the purpo		onally came executed th
Notary Public	Commission expires on	

the

Mark W. Tate	Date	_
Witness Signature Option		
First Witness Signature	Date	_
First Witness Printed Name	_	
Second Witness Signature	Date	_
Second Witness Printed Name	_	
<u>Notary Option</u>		
IN TESTIMONY WHEREOF, I hereun , 2013	to set my hand and seal this	_ day of
STATE OF : COUNTY OF :		
This day of the above-named <u>Mark W. Tate</u> to me pers same of his/her own free will for the purpose		sonally came executed the
Notary Public		

Commission expires on \_\_\_\_\_

Assignment of Application No. 13/863,548 to Cornell University

Meryem Sznur Pehlivanger Kara (M.O.P.K) 6 21.2013

<u>6.21.2013</u> Date

Witness Signature Option

First Witness Signature

<u>6.21.2013</u> Date

Vural Kora First Witness Printed Name

Second Witness Signature

Second Witness Printed Name

Ozlem Pehlivaner Ozveren

## Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013

STATE OF \_\_\_\_\_:

This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013, before me personally came the above-named Mervem Oznur Pehlivanser Kara to me personally known as the individual who executed the same of his/her own free/will for the purposes therein set forth. (H, 0, P, K) = 6, 21, 2013

Notary Public

Commission expires on \_\_\_\_\_

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# PATENT REEL: 031857 FRAME: 0762

**RECORDED: 12/30/2013** 

Page 8 of 8