

07-27-2005



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No.: 3213/104
(PCT/US03/25247)

To the Honorable Commission...

103048557

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gregory B. Martin
Robert B. Abramovitch
Nai-Chun Lin
Young-Jin Kim

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

2. Name and address of receiving party(ies)

Boyce Thompson Institute For Plant Research
Tower Road
Ithaca, New York 14853-1801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date(s):

1st Inventor: March 22, 2005
2nd Inventor: March 31, 2005
3rd Inventor: March 31, 2005
4th Inventor: April 14, 2005

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. 10/524,750

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Attorney Name: Michael L. GoldmanFirm Name: Nixon Peabody LLP

Internal Address: _____

Street Address: Clinton Square, P.O. Box 31051City: Rochester State: NY Zip: 14603-1051

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

14-1138

(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.

Michael L. Goldman

Name of Person Signing
Registration No. 30,727

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 15

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____

7/19/05
Date

Wendy L. Barry
Signature

Wendy L. Barry

Typed or printed name

07/26/2005 ECOOPER 00000039 10524750

01 FC:8021

40.00 DP

R836710.1

PATENT
REEL: 016797 FRAME: 0747

ASSIGNMENT

WHEREAS, We, **Gregory B. Martin**, a United States citizen, residing at 30 Burdick Hill Road, Ithaca, New York 14580; **Robert B. Abramovitch**, a Canadian citizen, residing at 514 Wyckoff Road, Apt. #3, Ithaca, New York 14580; **Nai Wen Lin**, a Taiwan citizen, residing at 92 Huson Heights Apts., Ithaca, New York 14580; and **Young-Jin Kim**, a South Korean citizen, residing at Jang-mi Apartement 26-dong 906-ho, Jamsil 6-dong, Songpaku, have invented certain new and useful improvements in **BACTERIAL EFFECTOR PROTEINS WHICH INHIBIT PROGRAMMED CELL DEATH** for which an application for Letters Patent in the United States, was filed as PCT International Application No. PCT/US03/25247 on August 13, 2003 and assigned U.S. Serial No. 10/524,750;

AND WHEREAS, **Boyce Thompson Institute For Plant Research**, a corporation, with its principal place of business at Tower Road, Ithaca, New York 14853-1801, desires 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 22nd day
of March, 2005.

Gregory B. Martin
Gregory B. Martin

STATE OF NEW YORK
COUNTY OF TOMPKINS SS:

This 22nd day of MARCH, 2005, before me personally came the
above-named Gregory B. Martin, to me personally known as the individual who executed the
same of his/her own free will for the purposes therein set forth.

JOHN M. DENTES Reg. No. 4692781
Notary Public, State of New York
Qualified in Tompkins County
My Commission Expires 11/30/07

Notary Public

Commission expires on 11/30/07.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2005.

Robert B. Abramovitch

STATE OF NEW YORK
COUNTY OF _____ SS:

This _____ day of _____, 2005, before me personally came the
above-named Robert B. Abramovitch, 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 _____ day
of _____, 2005.

Nai Wen Lin

STATE OF NEW YORK
COUNTY OF _____ SS:

This _____ day of _____, 2005 before me personally came the
above-named Nai Wen Lin, 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 _____ day
of _____, 2005.

Young-Jin Kim

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2005, before me personally came the
above-named Young-Jin 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 _____.

ASSIGNMENT

WHEREAS, We, **Gregory B. Martin**, a United States citizen, residing at 30 Burdick Hill Road, Ithaca, New York 14580; **Robert B. Abramovitch**, a Canadian citizen, residing at 514 Wyckoff Road, Apt. #3, Ithaca, New York 14580; **Nai Wen Lin**, a Taiwan citizen, residing at 92 Huson Heights Apts., Ithaca, New York 14580; and **Young-Jin Kim**, a South Korean citizen, residing at Jang-mi Apartement 26-dong 906-ho, Jamsil 6-dong, Songpaku, have invented certain new and useful improvements in **BACTERIAL EFFECTOR PROTEINS WHICH INHIBIT PROGRAMMED CELL DEATH** for which an application for Letters Patent in the United States, was filed as PCT International Application No. PCT/US03/25247 on August 13, 2003 and assigned U.S. Serial No. 10/524,750;

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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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2005.

Gregory B. Martin

STATE OF NEW YORK
COUNTY OF _____ SS:

This _____ day of _____, 2005, before me personally came the
above-named Gregory B. Martin, 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 31 day
of March, 2005.

Robert B. Abramovitch
Robert B. Abramovitch

STATE OF NEW YORK
COUNTY OF TOMPKINS SS:

This 31st day of MARCH, 2005, before me personally came the
above-named Robert B. Abramovitch, to me personally known as the individual who
executed the same of his/her own free will for the purposes therein set forth.

JOHN M. DENTES Reg. No. 4692781
Notary Public, State of New York
Qualified in Tompkins County
My Commission Expires 6/30/07

John M. Dentes
Notary Public
Commission expires on 6/30/07.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2005.

Nai Wen Lin

STATE OF NEW YORK
COUNTY OF _____ SS:

This _____ day of _____, 2005 before me personally came the
above-named Nai Wen Lin, 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 _____ day
of _____, 2005.


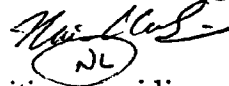
Young-Jin Kim

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2005, before me personally came the
above-named Young-Jin 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 _____.

ASSIGNMENT


JOHN M. DENTES Reg. No. 4692781
Notary Public, State of New York
Qualified in Tompkins County
My Commission Expires 4/30/07

NL

WHEREAS, We, **Gregory B. Martin**, a United States citizen, residing at 30 Burdick Hill Road, Ithaca, New York 14580; **Robert B. Abramovitch**, a Canadian citizen, residing at 514 Wyckoff Road, Apt. #3, Ithaca, New York 14580; **Nai Wen Lin**, a Taiwan citizen, residing at 92 Huson Heights Apts., Ithaca, New York 14580; and **Young-Jin Kim**, a South Korean citizen, residing at Jang-mi Apartement 26-dong 906-ho, Jamsil 6-dong, Songpaku, have invented certain new and useful improvements in **BACTERIAL EFFECTOR PROTEINS WHICH INHIBIT PROGRAMMED CELL DEATH** for which an application for Letters Patent in the United States, was filed as PCT International Application No. PCT/US03/25247 on August 13, 2003 and assigned U.S. Serial No. 10/524,750;

AND WHEREAS, **Boyce Thompson Institute For Plant Research**, a corporation, with its principal place of business at Tower Road, Ithaca, New York 14853-1801, desires 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 **Boyce Thompson Institute For Plant Research**, 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 ____ day
of _____, 2005.

Gregory B. Martin

STATE OF NEW YORK
COUNTY OF _____ SS:

This ____ day of _____, 2005, before me personally came the
above-named Gregory B. Martin, 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 ____ day
of _____, 2005.


Robert B. Abramovitch

STATE OF NEW YORK
COUNTY OF _____ SS:

This ____ day of _____, 2005, before me personally came the
above-named Robert B. Abramovitch, 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 31 day
of March, 2005.


Nai Wen Lin
Nai-Chun Lin

STATE OF NEW YORK
COUNTY OF TOMPKINS SS:

This 31st day of MARCH, 2005 before me personally came the
above-named Nai Wen Lin, to me personally known as the individual who executed the same
of his/her own free will for the purposes therein set forth.

JOHN M. DENTES Reg. No. 4692781
Notary Public, State of New York
Qualified in Tompkins County
My Commission Expires 6/30/07


Notary Public
Commission expires on 6/30/07

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2005.

Young-Jin Kim.

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2005, before me personally came the
above-named Young-Jin 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 _____

ASSIGNMENT

WHEREAS, We, Gregory B. Martin, a United States citizen, residing at 30 Burdick Hill Road, Ithaca, New York 14850; Robert E. Abramovitch, a Canadian citizen, residing at 514 Wyckoff Road, Apt. #3, Ithaca, New York 14580; Nai Wen Lin, a Taiwan citizen, residing at 92 Huson Heights Apts., Ithaca, New York 14580; and Young-Jin Kim, a South Korean citizen, residing at Jang-mi Apartment 26-dong 906-ho, Jamsil 6-dong, Songpaku, have invented certain new and useful improvements in **BACTERIAL EFFECTOR PROTEINS WHICH INHIBIT PROGRAMMED CELL DEATH** for which an application for Letters Patent in the United States, was filed as PCT International Application No. PCT/US03/25247 on August 13, 2003 and assigned U.S. Serial No. 10/524,750;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day
of _____, 2005.

Gregory B. Martin

STATE OF NEW YORK
COUNTY OF _____ SS:



This ____ day of _____, 2005, before me personally came the
above-named Gregory B. Martin, 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 ____ day
of _____, 2005.

Robert B. Abramovitch

STATE OF NEW YORK
COUNTY OF _____ SS:

This ____ day of _____, 2005, before me personally came the
above-named Robert B. Abramovitch, 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 _____ day
of _____, 2005.



Nai Wen Lin

STATE OF NEW YORK
COUNTY OF _____ SS:

This _____ day of _____, 2005 before me personally came the
above-named Nai Wen Lin, 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 14 day
of April, 2005.

Young Jin Kim
Young-Jin Kim

STATE OF SEOUL
COUNTY OF KOREA SS:

This 14 day of APRIL, 2005, before me personally came the
above-named Young-Jin Kim, to me personally known as the individual who executed the
same of his/her own free will for the purposes therein set forth.

Park Jin
Notary Public

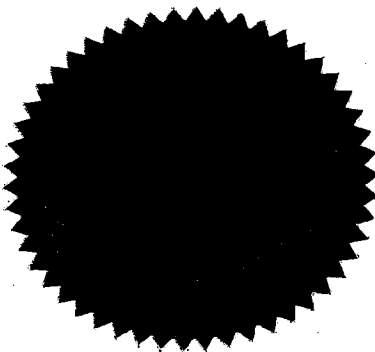
Commission expires on _____.



[제41호 서식]

Registered No. 2005 - 954

NOTARIAL CERTIFICATE



JONG-NO JOINT LAW OFFICE

MIRYEO BUILDING ROOM NO.501
75-9, JONG-NO 2-GA
SEOUL, KOREA

23230-05311일
90. 11. 26 승인

공증인가 종로합동법률사무소 (732-7646)

210mm×298mm 인쇄용지
(특급) 70g/㎡

PATENT
REEL: 016797 FRAME: 0760

등부 2005 년 제 954 호

인 증

Registered No. 2005 - 954

Notarial Certificate

KIM, YOUNG - JIN

위 위탁서



에 기재된

personally appeared before

김 영 진 은

me and admitted his(her)

본직의 면전에서 위 사서증서에

subscription to the

자기가 서명날인한 것임을 자인

attached

하였다.

ASSIGNMENT

2005 년 4 월 14 일 이 사무소에서

This is hereby attested on this 14

위 인증한다.

day of APR. 2005 at this office.

공증인가 종로합동법률사무소

JONG-NO JOINT LAW OFFICE

서울·종로2가 75번5호지하1층(미려빌딩501호)

MIRYEO BUILDING ROOM NO.501
75-9, JONG-NO 2-GA
SEOUL, KOREA

(Signature of the Notary Public)

공증담당 변호사

박 일 재



박 일 재

PARK IL-JAE
REMARKS: This office is authorized by
the Minister of Justice,
Republic of Korea, to act as
a notary in accordance with
Law

No. 2254.