

09-08-1999



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

1. Name of conveying party(ies):

Vito J. Palombella
Alfred L. Goldberg
Thomas P. Maniatis
Oliver Rando

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

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

Name: The President and Fellows of
Harvard College
Internal Address: _____

Street Address: 17 Quincy Street

City: Cambridge, State: MA ZIP: 02138

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

3. Nature of conveyance:

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

Execution Date: _____

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

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

A. Patent Application No.(s) 08/210,381

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Wayne A. Keown, Ph.D.

Internal Address: Hale and Dorr LLP

Street Address: 60 State Street

City: Boston, State: MA ZIP: 02109-1803

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed ☒ Charge fees to Deposit Account
☐ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number:

08-0219

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

09/07/1999 KTHAI1 00000109 080219 08210381

DO NOT USE THIS SPACE

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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.

Janice M. Klunder, Ph.D.

Name of Person Signing

Janice M. Klunder
Signature

August 26, 1999

Date

Total number of pages including cover sheet, attachments, and document: 10

ASSIGNMENT

WHEREAS, we, Vito J. Palombella, being a citizen of the United States, residing at 15 Morningside Rd., Needham, MA; Alfred L. Goldberg, being a citizen of the United States, residing at 171 Crafts Road, Chestnut Hill, MA; Thomas P. Maniatis, being a citizen of the United States, residing at 187 Marsh Street, Belmont, MA; and Oliver Rando, being a citizen of the United States, residing at _____ are the inventors of certain new and useful inventions and discoveries, disclosed in applications for Letters Patent of the United States, entitled:

PROTEASOME REGULATION OF NF- κ B ACTIVITY

and identified as:

USSN 08/210,381

filed March 18, 1994

and an International Application filed under the Patent Cooperation Treaty, entitled:

PROTEASOME REGULATION OF NF- κ B ACTIVITY

and identified as:

PCT/US95/03315

filed March 17, 1995.

WHEREAS, The President and Fellows of Harvard College, whose address is 17 Quincy Street, Cambridge, MA 02138, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of employment by ASSIGNEE and other valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, continued prosecution applications, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters

Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

WITNESS my hand and seal this 7th day of June, 1999

Vito J. Palombella
Vito J. Palombella

The foregoing instrument was acknowledged before me this 7th day of

June, 1999.

By Debra L. Sansone
NOTARY PUBLIC
My Commission Expires:

DEBRA L. SANSONE
Notary Public
My Comm. Expires May 15, 2003

WITNESS my hand and seal this 7th day of June, 1999

Alfred L. Goldberg
Alfred L. Goldberg

The foregoing instrument was acknowledged before me this 7th day of

June, 1999.

By Debra L. Sansone
NOTARY PUBLIC
My Commission Expires:

DEBRA L. SANSONE
Notary Public
My Comm. Expires May 15, 2003

WITNESS my hand and seal this 7th day of June, 1999

Thomas P. Maniatis
Thomas P. Maniatis

The foregoing instrument was acknowledged before me this 7th day of

June, 1999.

By Debra L. Sansone
NOTARY PUBLIC
My Commission Expires:

DEBRA L. SANSONE
Notary Public
My Comm. Expires May 15, 2003

WITNESS my hand and seal this _____ day of _____, 1999

Oliver Rando

The foregoing instrument was acknowledged before me this _____ day of

_____, 1999.

By _____
NOTARY PUBLIC
My Commission Expires:

/LegalG-N/Klunder_Janice/op/102603/PS-003/003/prosecut/assignment.wpf

ASSIGNMENT

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Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

WITNESS my hand and seal this _____ day of _____, 1999

Vito J. Palombella

The foregoing instrument was acknowledged before me this _____ day of

_____, 1999.

By _____

NOTARY PUBLIC

My Commission Expires:

WITNESS my hand and seal this _____ day of _____, 1999

Alfred L. Goldberg

The foregoing instrument was acknowledged before me this _____ day of

_____, 1999.

By _____

NOTARY PUBLIC

My Commission Expires:

WITNESS my hand and seal this _____ day of _____, 1999

Thomas P. Maniatis

The foregoing instrument was acknowledged before me this _____ day of

_____, 1999.

By _____

NOTARY PUBLIC

My Commission Expires:

WITNESS my hand and seal this 27 day of July, 1999

Oliver Rando

Oliver Rando

The foregoing instrument was acknowledged before me this 27 day of

July, 1999.

By *Raul Salas Jr.*

NOTARY PUBLIC

My Commission Expires:

April 24, 2003



/LegalG-N/Klunder_Janice/op/102603/PS-003/003/prosecut/assignment.wpf