PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | | |
|---|--|----------|--|----------------|--|--|
| NATURE OF CONVEYANCE: | | | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE | | | |
| CONVEYING PARTY DATA | | | | | | |
| 1 | | | lame | Execution Date | | |
| HARVARD UNIVERSITY | | | | 10/14/1994 | | |
| RECEIVING PARTY DATA | | | | | | |
| Name: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government | | | | | |
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) | | | | | |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 | | | | | |
| City: | Bethesda | | | | | |
| State/Country: | MARYLAND | | | | | |
| Postal Code: | 20892-7980 | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | |
| Property Type | | Number | | | | |
| Application Number: | | 08210381 | | | | |
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| NAME OF SUBMITTER: | | | Director, DEITR, NIH | | | |
| Total Attachments: 1 source=08210381#page1.tif | | | | | | |

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3212901-94-0006

LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention:

| Invention Title | : | Proteasome Regulation of NF-kB Activity |
|---|---|--|
| Inventor(s) | : | Alfred Goldberg, Thomas Maniatis, Oliver Rando and |
| Patent Application | | Vito Palombella |
| Serial No. Filing Date Title | : | 08/210,381 March 18, 1994 |
| Country, if other than United States | • | |

and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon.

This subject invention was made with the assistance of the (National Institutes of Health/Alcohol, Drug Abuse, and Mental Health Administration grant/contract) No. <u>AI20642 and GM46147</u>.

Principal rights to this subject invention have been left with the Licensor:

PRESIDENT AND FELLOWS OF HARVARD COLLEGE, subject to the provisions of 37 CFR 401 and 45 CFR 8

Signed:

Typed Name: Joyce Brinton

Date

Title: Director, Office for Technology and Trademark Licensing Harvard University

> PATENT REEL: 022050 FRAME: 0553

RECORDED: 01/02/2009