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FORM PTO-1595
1-31-92**RECORDA**U.S. DEPARTMENT OF COMMERCE
Patent and Trademark office

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To the Director of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

Robert A. Star, M.D., Lance A. Liotta, M.D., Ph.D. and
Kenneth R. Spring, Ph.D.Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

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

Name: The Government of the United States of America as
represented by the Secretary of the Department of Health and
Human ServicesInternal Address: Office of Technology Transfer, Suite 325Street Address: 6011 Executive BoulevardCity Rockville State MD ZIP 20852Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Dates: November 28, 2001; November 28,
2001; and November 29, 2001;
respectively

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)

09/881,446

and

60/211,698

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Tanya M. Harding, Ph.D.
Klarquist Sparkman, LLP
Internal Address:
One World Trade Center, Suite 1600
Street Address:
121 S.W. Salmon Street
Portland, Oregon 97204-29886. Total number of applications and patents involved:
27. Total fee (37 CFR § 3.41): \$80.00 Enclosed.8. ☒ Any deficiency/overpayment is authorized to be
charged to deposit account 02-4550. A copy of this sheet
is enclosed.**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.*Tanya M. Harding, Ph.D.December 12, 2001

Name of Person Signing

Signature

Date

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

OMB No. 0651-0011 (exp. 4/94)

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80.00 DP

PATENT
REEL: 012524 FRAME: 0290

ASSIGNMENT

WHEREAS, we, Robert A. Star, of 5110 Waukesha Road, Bethesda, MD 20816, a citizen of the United States of America, Hiroshi Murakami, of 2-3-17-222 Kashiwagi, Aoba-Ku, Sendai, Miyagi, JAPAN 981-0933, a citizen of Japan, Lance A. Liotta, of 8601 Bradley Blvd., Bethesda, MD 20817, a citizen of the United States of America, and Kenneth R. Spring, of 14010 Cove Avenue, Rockville, MD 20851, a citizen of the United States of America, employees of the Department of Health and Human Services at the time the invention was made, have invented RAPID FLUORESCENT LABELING OF TISSUE FOR MICRODISSECTION USING FLUORESCENT SPECIFIC BINDING AGENTS for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/211,698, filed on June 14, 2000; and
U.S. Application No. 09/881,446 filed on June 13, 2001;

both of which applications are collectively referred to herein as "the patent applications."

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive order 10096, to the entire right, title, and interest, both domestic and foreign, of the invention and patent applications; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid patent applications as well as any Letters Patent of the United States of America issuing therefrom; and

NOW, THEREFORE, to all whom it may concern, be it known for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and their successors, the full and exclusive right, title, and interest in the invention, patent applications and patent rights throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid patent applications, all rights in the invention and the patent applications, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the patent applications as provided by United States law and the Paris Convention, or of any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Commissioner for Patents to issue said Letters Patent or Patents to THE GOVERNMENT as an assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent or Patents and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid patent applications which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on

request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

we hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Nov 28th, 2001

Robert A. Star
Robert A. Star

STATE OF Maryland)
) ss.
COUNTY OF Montgomery)

This 28th day of November, 2001, before me personally came the above-named Robert A. Star, who executed the foregoing Assignment in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Mark L. Davidson
Notary Public for Montgomery County, Maryland
My commission expires 03/01/04
NOTARY PUBLIC
My Commission Expires 03/01/04

[SEAL]


Dated: _____

Hiroshi Murakami

Witnesses:

(Print name: _____)

(Print name: _____)



Lance A. Chiotta

Dated: Nov. 28, 2001

STATE OF Maryland)
) ss.


COUNTY OF Montgomery

This 28th day of November, 2001, before me personally came the above-named Lance A. Liotta, who executed the foregoing Assignment in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.


 Notary Public for _____ **Mark L. Davidson**
 My commission expires _____ **NOTARY PUBLIC**
 _____ **Montgomery County, Maryland**
 My Commission Expires **03/31/04**

[SEAL]

Dated: 11/29/01


Kenneth R. Spring

STATE OF Maryland)
) ss

COUNTY OF Montgomery

This 29th day of November, 2001, before me personally came the above-named Kenneth R Spring, who executed the foregoing Assignment in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

C. Lee Brown
 Notary Public for U.S. Government (Federal)
 My commission expires: 06/01/2004

HARRISSE FAIRFAX BROWN
 NOTARY PUBLIC
 BROMERY COUNTY MARYLAND

~~[SEAL]~~