

09-25-2001

PATENT
Attorney Docket No.: NIH-05091101853656
PATENTS ONLY

Form PTO-1504

U.S. Department of Commerce
Patent and Trademark Office

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

1. Name of conveying party(ies):

Robert E. London, Ph.D.
Pieter Otten, Ph.D.
Louis A. Levy, Ph.D.

09/20/01

Additional name(s) of conveying party(ies) attached? **No**

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

The Government of the United States of America, as
represented by the Secretary, Department of Health and
Human Services, 6011 Executive Blvd., Suite 325, Rockville,
Maryland 20852-3804Additional name(s) & address(es) attached? **No**

3. Nature of conveyance:

Assignment

Execution Date: **06/12/01, 07/05/01**4. Title of Invention: **FLUORESCENT MAGNESIUM INDICATORS**

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

A. Patent Application No.(s):

09/816,638

B. Patent No.(s):

Additional numbers attached? **No**5. Name and address of party to whom correspondence
concerning document should be mailed:Kamrin T. MacKnight
MEDLEN & CARROLL, LLP
220 Montgomery Street, Suite 2200
San Francisco, California 94104

09/21/2001 HVUONG1 00000017 09816638

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6. Total number of applications and patents involved: **1**

7. Total fee(s):

Check in the amount of **\$560** enclosed (\$130 missing
parts response; \$40 recordation; \$390 2-mo.
extension).

8. Deposit Account Authorization:

The Commissioner is hereby authorized to charge
any additional fees or credit any overpayment to
Deposit Account No. **08-1290**. An **originally
executed duplicate of this transmittal is enclosed
for this purpose.****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.*Date: September 17, 2001Signature: *Kamrin T. MacKnight*Name: Kamrin T. MacKnightReg. No.: 38,230Total number of pages including cover sheet (2 orig.) and document (2 pages): **4****PATENT**
REEL: 012179 FRAME: 0497

WHEREAS, WE, Robert E. London, Ph.D., Pieter Otten, Ph.D. and Louis A. Levy, Ph.D., hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Serial No.: 09/816,638

ASSIGNMENT

WHEREAS, WE, Robert E. London, Ph.D., Pieter Otten, Ph.D. and Louis A. Levy, Ph.D., hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent

Title of Invention: **FLUORESCENT MAGNESIUM INDICATORS**

Filing Date: 03/23/01

Serial No.: 09/816,638

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

WHEREAS, the Government of the United States is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the provisional application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the United States of America, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the U.S. and within each and every foreign country in which the Government elects to file and the entire right, title, and interest in and to such application, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the U.S. and foreign countries, and such Letters Patent as may be granted to be held by the Government to the end of the term for which the same would have been held by the inventors had this assignment not been made.

I further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to 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.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Robert E. London
Robert E. London, Ph.D.

Pieter Otten, Ph.D.
Pieter Otten, Ph.D.

Louis A. Levy
Louis A. Levy, Ph.D.

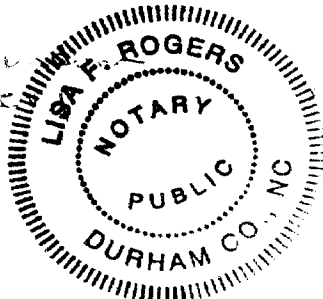
STATE OF NC)

ss.

COUNTY OF Durham)

On this 12th day of June, in the year of 2001, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

SEAL



Lisa F. Rogers
NOTARY PUBLIC

LISA F. ROGERS
Notary Public
State of North Carolina
My Commission Expires 06/12/03

RECORDED: 09/20/2001

REEL: 012179 FRAME: 0499