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OMB No. 0651-0027 (exp. 5/31/2002)

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

1. Name of conveying party(ies): Masako Kato

11-3-03

2. Name and address of receiving party(ies)

Name: Japan Science and Technology Corporation Internal Address: Street Address: 1-8, Honcho 4-chome Kawaguchi-shi

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

3. Nature of Conveyance:

Assignment Merger Security Agreement Change of Name Other

City: Saitama

Country: Japan Zip: 332-0012

Execution Date: August 21, 2003

Additional name(s) & address(es) attached: Yes No

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

10476617

If this document is being filed together with a new application, the execution date of the new application is: August 21, 2003

A. Patent Application No.(s): This application

B. Patent No.(s):

Additional numbers attached? Yes No

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

Name: RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SAE-016 Street Address: 1233 20th Street, N.W. Suite 501

City: Washington State: DC Zip: 20036

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 Authorized to be charged to credit card

8. Deposit account number:

18-0013 (Attach duplicate copy of this page if paying by deposit account)

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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.

Lee Cheng Name of Person Signing

Signature

November 3, 2003 Date

Total number of pages including cover sheet, attachments, and documents: 3

11/07/2003 LLANDGRA 0000090 180013 10476617 02 FC:8021 40.00 DA

ASSIGNMENT

WHEREAS, We, as a below named inventors, residing at the addresses stated next to our names, are joint inventors of certain new and useful improvements in an

ENVIRONMENT-SENSITIVE LUMINESCENT DIMINE-PLATINUM BINUCLEAR COMPLEXES

for which application for Letters Patent of the United States of America was executed by us;

AND WHEREAS, Japan Science and Technology Corporation, a Japanese corporation with offices at 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 JAPAN, (hereinafter referenced as ASSIGNEES) is/are desirous of acquiring in equal shares all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we as joint inventors as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and we hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the ASSIGNEES of the whole right, title and interest thereto;

AND We further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or their designee, as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to us and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said

invention, applications and Letters Patent of the United States and countries foreign thereto;

AND We further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at their own expense;

AND We further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to us and will testify as to the same in any interference or litigation related thereto;

AND We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

AND We hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: _____, Filing Date: _____.

This assignment executed on the dates indicated below.

Masako KATO  August 21, 2003
Signature Date