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To the Director of the U.S. Patent and Trademark Office

Comments or the new address(es) below.

1. Name of conveying party(ies)/Executor/Assignor: 102928243
Kazuhiko Kinoshita (07/20/2004) and Megumi Shio (07/16/2004)
Execution Dates: in parentheses after inventor name
Additional name(s) of conveying party(ies) attached? Yes No

Name of receiving party(ies): Japan Science and Technology Agency
Name: Japan Science and Technology Agency
Internal Address: _____
Street Address: 1-8, Honcho 4-chome
City: Kawaguchi-shi
State: Saitama
Country: JAPAN Zip: 332-0012
Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s) This application
B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: RADER, FISHMAN & GRAUER PLLC
Internal Address: Atty. Dkt.: NAG-0121
Street Address: 1233 20th Street, N.W. Suite 501
City: Washington
State: DC Zip: 20036
Phone Number: (202) 955-3750
Fax Number: (202) 955-3751
Email Address: _____

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged to credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 18-0013
Authorized User Name Shawn B. Cage

9. Signature: Shawn B. Cage Signature August 31, 2004 Date
Shawn B. Cage - 51,522 Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 3

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, **Japan Science and Technology Agency**, a Japanese corporation with offices at **1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama-ken 332-0012 JAPAN**, (hereinafter referenced as ASSIGNEE) is desirous of acquiring 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 the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its 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 me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me 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 I 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 my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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 me and will testify as to the same in any interference or litigation related thereto;

And I 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 I 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.

Kazuhiko KINOSHITA *Kazuhiko Kinoshita* July 20, 2004
Signature Date

Megumu SHIO *Megumu Shio* July 16, 2004
Signature Date

Signature Date

Signature Date

Signature Date