05 FC:8021

Form PTO-1595 (Rev. 09/04)

A10081-40

OMB No. 0651-0027 (exp. 6/30/2005) **RECORDATION FOI** 07-28-2006 PATENT To the Director of the U.S. Patent and Trademark Office: Pleas ss(es) below. 103282448 Name of conveying party(ies)/Execution Date(s): Masasuke Yoshida (04/22/2005), Toshiharu Japan Science and Technology Agency Suzuki (04/22/2005), Megumi Shio (04/22/2005), and Ryota lino (04/22/2005) Internal Address: Execution Date(s): in parentheses after inventor name Street Address: X No Additional name(s) of conveying party(ies) attached? 1-8, Honcho 4-chome 3. Nature of Conveyance: Kawaguchi-shi x Assignment Merger Security Agreement Change of Name City: Government Interest Assignment State: Executive Order 9424, Confirmatory License **JAPAN** Country: 332-0012 Additional name(s) & address(es) Other attached: 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) This application 10/539757 Additional numbers attached? x No 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: Name: RADER, FISHMAN & GRAUER PLLC 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Atty. Dkt.: NAG-0125 Authorized to be charged by credit card Street Address: 1233 20th Street, N.W. Authorized to be charged to deposit account Suite 501 Enclosed 06/24/2005 MKAYPAGH 00000073 180013 None required (government interest not affecting title) 40.00 DA City: Washington 8. Payment Information DC 20036 State: Zip: a. Credit Card Last 4 Numbers (202) 955-3750 **Expiration Date** Phone Number: (202) 955-3751 Fax Number: b. Deposit Account Number 18-0013 Email Address: Authorized User Name Toshikatsu Imaizumi 9. Signature: June 17, 2005 Toshikatsu Imaizumi - LRA Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

PATENT

REEL: 018089 FRAME: 0031

Docket Number: NAG-0125

## 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

## A POLARIZED TOTAL INTERNAL REFLECTION ILLUMINATION OPTICAL SYSTEM BY ROTARY ANNULUS LIGHT

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

AND WHEREAS, Japan Science and Technology Agency, a Japanese corporation with offices at 1-8, Honcho 4-choume, Kawaguchi-shi, Saitama 332-0012 JAPAN, (hereinafter referenced as ASSIGNEES) 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 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;

PATENT REEL: 018089 FRAME: 0032 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.

Masasuke YOSHIDA M. Joshidae April 22, 2005

Signature Date

Toshiharu SUZUKI 765h.hatu Juyuhi April 22, 2605

Signature Date

Mequi SHIO Megunu Shio April, ZZ, Z005 Signature Date

Ryota IINO Rysta Kino April, 22, 2005
Signature Date

PATENT REEL: 018089 FRAME: 0033 A10571-40

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10/539757 U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

## PATENTS ONLY REC'D PCT/PTO 20 JUN 2005

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Masasuke Yoshida (04/22/2005), Toshiharu Suzuki (04/22/2005), Megumi Shio (04/22/2005), and Ryota lino (04/22/2005)	Name: Japan Science and Technology Agency Internal Address:
Execution Date(s): in parentheses after inventor name	Street Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of Conveyance:	1-8, Honcho 4-chome Kawaguchi-shi
X Assignment Merger	
Security Agreement Change of Name	City: Saitama
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	
· · · · · · · · · · · · · · · · · · ·	Country: JAPAN Zip: 332-0012 Additional name(s) & address(es)
Other	attached:
4. Application or patent number(s):  A. Patent Application No.(s)  This application  Additional numbers attached?	his document is being filed together with a new application.  B. Patent No.(s)  Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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Suite 501	Enclosed
	None required (government interest not affecting title)
City: Washington	8. Payment Information
State: DC Zip: 20036	a. Credit Card Last 4 Numbers
Phone Number: (202) 955-3750	Expiration Date
Fax Number: (202) 955-3751	b. Deposit Account Number 18-0013
Email Address:	Authorized User Name Toshikatsu Imaizumi
9. Signature:	
Zami	June 17, 2005
Signature	Date
Toshikatsu Imaizumi - LRA	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

**PATENT** 

**RECORDED: 06/20/2006 REEL: 018089 FRAME: 0034**