



03-29-2007



FORM PTO-1595 (Rev. 08/05)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 049677-01

103388485

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)
Wataru SAKURAI, Kazuhito SAITO, Hideo NUMATA, Chiaki TAKUBO, Hideto FURUYAMA, Hiroshi HAMASAKI
Additional name(s) of conveying party(ies) attached? [ ] Yes [ ] No

2. Name and address of receiving party(ies)
Name (1): SUMITOMO ELECTRIC INDUSTRIES, LTD.
Address (1): 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 554-0024 JAPAN

3. Nature of Conveyance/Execution Date(s)
Execution February 20, 2007, February 21, 2007, February 28, 2007, March 2, 2007, March 2, 2007, March 2, 2007 (respectively)
[ ] Assignment [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Joint Research Agreement
[ ] Government Interest Assignment
[ ] Executive Order 9424, Confrmatory License
[ ] Other

Name (2): KABUSHIKI KAISHA TOSHIBA
Address (2): 1-1, Shibaura 1-chome, Minato-ku, Tokyo, JAPAN
Additional name(s) & address(es) attached? [ ] Yes [ ] No

4. Application or patent number(s):
A. Patent Application No(s).
11/640,861, filed on December 19, 2006
Additional numbers attached? [ ] Yes [ ] No

[ ] This document is being filed together with a new application.
B. Patent No(s).

5. Name and address to whom correspondence concerning document should be mailed:
Name: MCDERMOTT WILL & EMERY LLP
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: D. C. Zip: 20005-3096
Phone Number: 202.756.8000
Fax Number: 202.756.8087
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 by credit card
[ ] Authorized to be charged to deposit account
[ ] Enclosed
[ ] None required (government interest not affecting title)nt

8. Payment Information:
a. Credit Card Last 4 Numbers 500417 Expiration Date
b. Deposit Account Number 500417 Authorized User Name

9. Signature.
Stephen A. Becker, 26,527

Handwritten signature

March 26, 2007

Name and Registration No. of Person Signing
Total number of pages including cover sheet, attachments and documents:

Signature
11640861
00000061 500417
40.00 DA

OMB No. 0651-0027 (exp. 6/30/2008)

03/28/2007 11:28 AM
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**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                           |                             |
|---------------------------|-----------------------------|
| (1) <u>Wataru SAKURAI</u> | (5) <u>Hideto FURUYAMA</u>  |
| (2) <u>Kazuhito SAITO</u> | (6) <u>Hiroshi HAMASAKI</u> |
| (3) <u>Hideo NUMATA</u>   | (7) _____                   |
| (4) <u>Chiaki TAKUBO</u>  | (8) _____                   |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

- (1) SUMITOMO ELECTRIC INDUSTRIES, LTD.  
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 554-0024 Japan
- (2) Kabushiki Kaisha Toshiba  
1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**METHOD FOR MANUFACTURING OPTICAL COUPLING PART AND OPTICAL COUPLING PART**

(a) for which an application for United States Letters Patent was filed on December 19, 2006, and identified by United States Serial No. 11/640,861; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated beside our signatures:

INVENTORS	DATE SIGNED
1) <u>Wataru Sakurai</u> Name: Wataru SAKURAI	<u>February 20, 2007</u>
2) <u>Kazuhito Saito</u> Name: Kazuhito SAITO	<u>February 21, 2007</u>
3) _____ Name: Hideo NUMATA	_____

4) \_\_\_\_\_  
Name: Chiaki TAKUBO

5) \_\_\_\_\_  
Name: Hideto FURUYAMA

6) \_\_\_\_\_  
Name: Hiroshi HAMASAKI

7) \_\_\_\_\_  
Name:

8) \_\_\_\_\_  
Name:

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                           |                             |
|---------------------------|-----------------------------|
| (1) <u>Wataru SAKURAI</u> | (5) <u>Hideto FURUYAMA</u>  |
| (2) <u>Kazuhito SAITO</u> | (6) <u>Hiroshi HAMASAKI</u> |
| (3) <u>Hideo NUMATA</u>   | (7) _____                   |
| (4) <u>Chiaki TAKUBO</u>  | (8) _____                   |

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SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) _____ Name: Wataru SAKURAI	_____
2) _____ Name: Kazuhito SAITO	_____
3) <u>Hideo Numata</u> Name: Hideo NUMATA	<u>Feb 28, 2007</u>

- 4) Chiaki Takubo Mar. 2, 2007  
Name: Chiaki TAKUBO
- 5) Hideto Furuyama Mar. 2, 2007  
Name: Hideto FURUYAMA
- 6) ~~Hideto Furuyama~~ Hiroshi Hamasaki March 2, 2007  
Name: Hiroshi HAMASAKI
- 7) \_\_\_\_\_  
Name: \_\_\_\_\_
- 8) \_\_\_\_\_  
Name: \_\_\_\_\_