

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>TETSUYA NAKANISHI</td><td>11/16/2009</td></tr><tr><td>FUMIAKI SATOU</td><td>11/16/2009</td></tr><tr><td>KATSUYUKI AIHARA</td><td>11/16/2009</td></tr><tr><td>HIROSHI MIYANO</td><td>11/17/2009</td></tr><tr><td>TAKASHI SASAKI</td><td>11/17/2009</td></tr></tbody></table>	Name	Execution Date	TETSUYA NAKANISHI	11/16/2009	FUMIAKI SATOU	11/16/2009	KATSUYUKI AIHARA	11/16/2009	HIROSHI MIYANO	11/17/2009	TAKASHI SASAKI	11/17/2009	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>SUMITOMO ELECTRIC INDUSTRIES, LTD.</td></tr><tr><td>Street Address:</td><td>5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi</td></tr><tr><td>City:</td><td>Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>541-0041</td></tr></table>	Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	Street Address:	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	541-0041			
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.												
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13113668</td></tr></tbody></table>	Property Type	Number	Application Number:	13113668									
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Application Number:	13113668												
CORRESPONDENCE DATA													
Fax Number: (202)756-8087 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 1: 600 13TH STREET, NW													
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096													
ATTORNEY DOCKET NUMBER:	050395-0493												
NAME OF SUBMITTER:	Stephen A. Becker 26,527												
Total Attachments: 3 source=ASSN_050395-0493#page1.tif source=ASSN_050395-0493#page2.tif source=ASSN_TRN_050395-0493#page1.tif													

CH \$40.00 13113668

501638400

PATENT
REEL: 026809 FRAME: 0176

Docket No.:

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) Tetsuya NAKANISHI

(2) Fumiaki SATOU

(3) Katsuyuki AIHARA

(4) Hiroshi MIYANO

(5) Takashi SASAKI

(6)

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

SUMITOMO ELECTRIC INDUSTRIES, LTD. of 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, 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

OPTICAL FIBER CABLE AND OPTICAL CABLE

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; 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 dated indicated aside our signatures:

INVENTOR

DATE SIGNED

1)

Tetsuya Nakanishi

Nov. 16, 2009

Name: Tetsuya NAKANISHI

INVENTOR

DATE SIGNED

2)

Fumiaki Satou

Nov. 16, 2009

Name: Fumiaki SATOU

INVENTOR

DATE SIGNED

3)

Katsuyuki Aihara

Nov. 16, 2009

Name: Katsuyuki AIHARA

PATENT

REEL: 026809 FRAME: 0177

4) INVENTOR

DATE SIGNED

Hiroshi Miyano
Name: Hiroshi MIYANO

Nov. 17. 2009

5) INVENTOR

DATE SIGNED

Takashi Sasaki
Name: Takashi SASAKI

Nov. 17 2009

RECORDATION FORM COVER SHEET

Docket No.: 050395-0493

PATENTS ONLY

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)

Tetsuya NAKANISHI, Fumiaki SATOU, Katsuyuki AIHARA, Hiroshi MIYANO, Takashi SASAKI

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

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **November 16, 2009; November 16, 2009; November 16, 2009; November 17, 2009; November 17, 2009 (respectively)**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: **SUMITOMO ELECTRIC INDUSTRIES, LTD.**

Internal Address:

Address: **5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

U.S. Patent Application No. 13/113,668 filed May 23, 2011

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, DC** Zip: **20005-3096**
D.C.

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved:

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)

8. Payment Information:

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number **500417**

Authorized User Name _____

9. Signature.

Takashi Saito L0123

August 25, 2011

Name and Registration No. of Person Signing

Signature

Date

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