

PATENT ASSIGNMENT

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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>Ryuichi SUGIZAKI</td><td>04/03/2008</td></tr><tr><td>Iwao SHIMOTAKAHARA</td><td>04/03/2008</td></tr><tr><td>Harumi INABA</td><td>04/03/2008</td></tr><tr><td>Takeshi YAGI</td><td>04/03/2008</td></tr></tbody></table>	Name	Execution Date	Ryuichi SUGIZAKI	04/03/2008	Iwao SHIMOTAKAHARA	04/03/2008	Harumi INABA	04/03/2008	Takeshi YAGI	04/03/2008	
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Harumi INABA	04/03/2008										
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RECEIVING PARTY DATA											
Name:	THE FURUKAWA ELECTRIC CO., LTD.										
Street Address:	2-3, Marunouchi 2-chome, Chiyoda-ku										
City:	Tokyo										
State/Country:	Japan										
Postal Code:	100-8322										
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>12180788</td></tr></tbody></table>	Property Type	Number	Application Number:	12180788							
Property Type	Number										
Application Number:	12180788										
CORRESPONDENCE DATA											
Fax Number:	(703)413-2220										
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NAME OF SUBMITTER:	Mona C. Hendrick										
Total Attachments: 2 source=325646USASSIGNMENT#page1.tif											

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PATENT
REEL: 021300 FRAME: 0372

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Ryuichi SUGIZAKI, Iwao SHIMOTAKAHARA, Harumi INABA and Takeshi YAGI of
c/o THE FURUKAWA ELECTRIC CO., LTD.
2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: OPTICAL FIBER AND OPTICAL FIBER RIBBON,
AND OPTICAL INTERCONNECTION SYSTEM

INSERT DATE IN-
VENTORS SIGNED
DECLARATION

for which an application for Letters Patent was executed on Apr. 3, 2008

(Application No. 12/180,788, filed July 28, 2008), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 100-8322 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Apr. 3, 2008

Ryuichi Sugizaki
 (Signature of Inventor) Ryuichi SUGIZAKI

Date: Apr. 3, 2008

Iwao Shimotakahara
 (Signature of Inventor) Iwao SHIMOTAKAHARA

Date: Apr. 3, 2008

Harumi Inaba
 (Signature of Inventor) Harumi INABA

Date: Apr. 3, 2008

Takeshi Yagi
 (Signature of Inventor) Takeshi YAGI

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 1940 DUKE STREET
 ALEXANDRIA, VIRGINIA 22314

03/03