

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kiyoshi ARIMA</td> <td>08/16/2010</td> </tr> <tr> <td>Hiroaki ITOH</td> <td>08/16/2010</td> </tr> <tr> <td>Tatsuya TANIGUCHI</td> <td>08/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kiyoshi ARIMA	08/16/2010	Hiroaki ITOH	08/16/2010	Tatsuya TANIGUCHI	08/16/2010				
Name	Execution Date												
Kiyoshi ARIMA	08/16/2010												
Hiroaki ITOH	08/16/2010												
Tatsuya TANIGUCHI	08/16/2010												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>FURUKAWA ELECTRIC CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>2-3 Marunouchi 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Chiyado-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8322</td> </tr> </table>		Name:	FURUKAWA ELECTRIC CO., LTD.	Street Address:	2-3 Marunouchi 2-chome	Internal Address:	Chiyado-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8322
Name:	FURUKAWA ELECTRIC CO., LTD.												
Street Address:	2-3 Marunouchi 2-chome												
Internal Address:	Chiyado-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	100-8322												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12893668</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12893668								
Property Type	Number												
Application Number:	12893668												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (703)413-2220</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-413-3000</p> <p>Email: wfield@oblon.com</p> <p>Correspondent Name: OBLON SPIVAK</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	367878US8CONT												
NAME OF SUBMITTER:	Whitney Field												
<p>Total Attachments: 1</p> <p>source=367878USASSIGNMENT#page1.tif</p>													

OP \$40.00 12893668

**PATENT**

**501305461**

**REEL: 025063 FRAME: 0214**

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

FURUKAWA ELECTRIC CO., LTD.

2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

### CLEANING METHOD OF COLORING DEVICE OF OPTICAL FIBER, AND COLORING DEVICE OF OPTICAL FIBER

relating to International Patent Application PCT/JP2010/050183 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_;

(Insert date of execution of application, if not concurrent)

(b) filed on September 29, 2010

Serial No. 12,893,668;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Kiyoshi Arima</u> (Signature)	Kiyoshi ARIMA (Type Name)	<u>16/August/2010</u> (Date)
2) <u>Hiroaki Itoh</u> (Signature)	Hiroaki ITOH (Type Name)	<u>16/August/2010</u> (Date)
3) <u>Tatsuya Taniguchi</u> (Signature)	Tatsuya TANIGUCHI (Type Name)	<u>16/August/2010</u> (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT