

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Katsuya Aboshi	04/17/2009
Kunio Odaka	04/17/2009
Kazutaka Shimoosako	04/17/2009

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

Property Type	Number
Application Number:	12429696

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P02606US/FRKWP117US
NAME OF SUBMITTER:	Thomas E. Watson

Total Attachments: 2
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PATENT
REEL: 022944 FRAME: 0248

PATENT ASSIGNMENT

Client Docket No. P02606US
OC Docket No. FRKWPI17US

We, Katsuya Aboshi, Kunio Odaka, Kazutaka Shimoosako ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SUBSCRIBER PREMISES SIDE OPTICAL NETWORK UNIT AND OPTICAL TRANSMISSION SYSTEM" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 23623, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

The Furukawa Electric Co., LTD, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

<i>Katsuya Aboshi</i> _____ Inventor's Signature	<i>17th April 2009</i> _____ Date
Katsuya Aboshi _____ Printed Name in English	 _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No. P02606US
OC Docket No. FRKWPI17US

<u>Kunio Odaka</u>	<u>17th April 2009</u>
Inventor's Signature	Date
<u>Kunio Odaka</u>	<u> </u>
Printed Name in English	Printed Name in Native Language (if other than English)

<u>Kazutaka Shimoosako</u>	<u>17th April 2009</u>
Inventor's Signature	Date
<u>Kazutaka Shimoosako</u>	<u> </u>
Printed Name in English	Printed Name in Native Language (if other than English)