PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masaki FUNABASHI	05/09/2008
Junichi HASEGAWA	05/09/2008
Takeshi AKUTSU	05/09/2008
Kazutaka NARA	05/09/2008
Noriyuki YOKOUCHI	05/09/2008

RECEIVING PARTY DATA

Name:	THE FURUKAWA ELECTRIC CO., LTD.	
Street Address:	2-3, Marunouchi 2, Chiyoda-ku	
City:	Tokyo	
State/Country: JAPAN		
Postal Code: 100-8322		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12045281

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	323512US8
NAME OF SUBMITTER:	Aynalem Assefa

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Total Attachments: 2 source=323512USAssignment#page1.tif source=323512USAssignment#page2.tif

> PATENT REEL: 020973 FRAME: 0351

MFP08003-US

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Assignment of Application

WHEREAS, I (WE)

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS: Masaki FUNABASHI of c/o The Furukawa Electric Co., Ltd., 2-3, Marunouchi 2, Chiyoda-ku, Tokyo 100-8322 JAPAN,

Junichi HASEGAWA of c/o The Furukawa Electric Co., Ltd., 2-3, Marunouchi 2, Chiyoda-ku, Tokyo 100-8322 JAPAN,

Takeshi AKUTSU of c/o The Furukawa Electric Co., Ltd., 2-3, Marunouchi 2, Chiyoda-ku, Tokyo 100-8322 JAPAN,

Kazutaka NARA of c/o The Furukawa Electric Co., Ltd., 2-3, Marunouchi 2, Chiyoda-ku,

Tokyo 100-8322 JAPAN and

Noriyuki YOKOUCHI of c/o The Furukawa Electric Co., Ltd., 2-3, Marunouchi 2, Chiyoda-ku, Tokyo 100-8322 JAPAN

INSERT TITLE OF INVENTION: have invented certain new and useful improvements in:

OPTICAL INTEGRATED CIRCUIT AND OPTICAL INTEGRATED CIRCUIT MODULE	
OF HOME INTEGRAL OF CONTROL OF CO	

(Application No. 12/045,281, filed March 10, 2008)

WHEREAS,

INSERT NAMES AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

THE FURUKAWA ELECTRIC CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at 2-3, Marunouchi 2, 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 therefor 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.

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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:	MAY 9, 2008	M. Funsbashi
-		(Signature of Inventor) Masaki FUNABASHI
Date:	MAY 9, 2008	長谷") 落一
		(Signature of Inventor) Junichi HASEGAWA
Date:	MAY 9, 2008	阿久津 剛史
		(Signature of Inventor) Takeshi AKUTSU
Date:	MAY 9, 2008	摩包 - 孝
		(Signature of Inventor) Kazutaka NARA
Date:	MAY-9, 2008	(h. Malland
		(Signature of Inventor) Noriyuki YOKOUCHI

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

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