

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takashi SUGIHARA	05/30/2011
Soichiro KAMETANI	05/30/2011
Takashi MIZUOCHI	05/31/2011
Yoshiaki KONISHI	06/02/2011
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13140955
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PATENT

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Takashi SUGIHARA, Soichiro KAMETANI, Takashi MIZUOCHI and Yoshiaki KONISHI hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled OPTICAL TRANSMITTER which was executed by the undersigned on _____ or was filed on January 13, 2010 and accorded Serial No. PCT/JP2010/050264 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):	DATE
(Takashi SUGIHARA) <u>Takashi Sugihara</u>	<u>May 30, 2011</u>
(Soichiro KAMETANI) <u>Soichiro Kametani</u>	<u>May 30, 2011</u>
(Takashi MIZUOCHI) <u>Takashi Mizuochi</u>	<u>May 31, 2011</u>
(Yoshiaki KONISHI) <u>Yoshiaki Konishi</u>	<u>June 2, 2011</u>