

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Kazuhisa TAKAGI		01/10/2007
RECEIVING PARTY DATA		
Name:	Mitsubishi Electric Corporation	
Street Address:	7-3, Marunouchi 2-chome	
Internal Address:	Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8310	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11626507	
CORRESPONDENCE DATA		
Fax Number:	(202)737-6776	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(202) 737-6770	
Email:	mshakur@leydig.com	
Correspondent Name:	Jeffrey A. Wyand	
Address Line 1:	700 Thirteenth Street, N. W.	
Address Line 2:	Suite 300	
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005	
ATTORNEY DOCKET NUMBER:	403890/TAKADA	
NAME OF SUBMITTER:	Jeffrey A. Wyand	
Total Attachments: 1		
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PATENT
REEL: 018799 FRAME: 0114

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G1036 US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Kazuhisa TAKAGI

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

Mitsubishi Electric Corporation
7-3, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100-8310
JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SEMICONDUCTOR OPTICAL ELEMENT AND METHOD OF MANUFACTURING THE SAME

for which an application for United States Letters Patent was executed on even date herewith.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

Kazuhisa Takagi

DATE SIGNED

January 10, 2007

Name: Kazuhisa TAKAGI