

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takafumi OKA</td> <td>01/29/2008</td> </tr> <tr> <td>Shinji ABE</td> <td>01/30/2008</td> </tr> </tbody> </table>		Name	Execution Date	Takafumi OKA	01/29/2008	Shinji ABE	01/30/2008
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Takafumi OKA	01/29/2008						
Shinji ABE	01/30/2008						
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							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12039267</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12039267		
Property Type	Number						
Application Number:	12039267						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Jeffrey A. Wyand						
Total Attachments: 1 source=404133_Assignment#page1.tif							

CH \$40.00 12039267

PATENT

500476238

REEL: 020583 FRAME: 0393

56549/US01
67116203

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,

(1) Takafumi OKA (2) Shinji ABE

who have made a certain new and useful invention, hereby sell, assign and transfer 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

METHOD FOR MANUFACTURING SEMICONDUCTOR OPTICAL DEVICE

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

and the undersigned hereby authorize and request 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 agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree 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 dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Takafumi Oka</u> Name: Takafumi OKA	<u>January 29, 2008</u>
2) <u>Shinji Abe</u> Name: Shinji ABE	<u>January 30, 2008</u>