	07-10-20	003	
Atty Docket No.: 239661US/mlm FORM PTO-1595 1-31-92	1024936		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Director of the United States Patent and Tra			
1. Name of conveying party(ies): Taizo TOMIOKA, Ikuo MORI, Kenji ITO, Mutsumi SUEMATSU, Yasuhito SAITO, and Masayuki ARAKAWA			receiving party(ies): KAISHA TOSHIBA 1-chome, Minato-Ku, Tokyo, Japan
Additional name(s) of conveying party(ies) attache	ed? 🗌 Yes 🗖 No		
<ul> <li>3. Nature of Conveyance:</li> <li>▲ Assignment</li> <li>□ Merger</li> <li>□ Security Agreement</li> <li>□ Change of Na</li> <li>□ Other</li> </ul>	ame		10/606
Execution Date: June 21, 2003	Ad	ditional name(s) and a	address(es) attached? 🗌 Yes 🔳 No
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new</li> <li>A. Patent Application No.(s)</li> </ul>	1	) tion date of the applic Patent No.(s)	ation is: June 21, 2003
a ratem Application No.(s)		r atent 100.(5)	
Addition	al numbers attached?	🗆 Yes 📕 No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total applications and patents involved: 1	
		<ul> <li>7. Total fee (37 CFR 3.41): \$40.00</li> <li>■ Enclosed</li> <li>□ Authorized to be charged to deposit account</li> </ul>	
<b>22850</b> Tel. (703) 413-3000 Fax. (703) 413-2220		8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature To the best of my knowledge and belief, the foreg copy of the original document.	oing information is tr	ue and correct and a	ny attached copy is a true
Marvin J. Spivak	(ihm)	Willed	6/27/03
Name of Person Signing	C. Myin MoClelland Date Registration Mumber 21,124		
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or q1

> PATENT REEL: 014241 FRAME: 0119

## ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patcnt entitled:

## OPTICALLY COUPLED SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME

said application having been filed on and assigned Application No. scll and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

imes executed concurrently herewith:

executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications: and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications. make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, Virginia 22314

## ASSIGNMENT

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**RECORDED: 06/27/2003**