Form PTO-1595 1-3-92 F ()8 - 1	1 - 1998	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
		Attorney Docket No.: 5702D-6566			
To the Assistant Commission		nts or copy thereof.			
1. Name of conveying party(ies):	Name and address of receiving	g party(ies):			
Yukio WATANABE Ryo SAEKI Hideki NOZAKI	KABUSHIKI KAISHA TOSHIBA 72, Horikawa-cho, Saiwai-ku Kawasaki-shi, Kanagawa-ken, Japan				
Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No					
3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name	:				
☐ OtherExecution DateJuly 16, 1998	Additional name(s) & address(es) attached? □ Yes ⊠ No				
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No.(s) 09/060,549	B. Patent No.(s)				
Additional rumbers					
Additional numbers attached? \(\text{Yes} \text{ \text{\text{No}}} \) 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: [1]					
Louis A. Mok, Esq. LOEB & LOEB LLP 10100 Santa Monica Blvd., 22nd Floor Los Angeles, CA 90067-4164	7. Total fee (37 CFR 3.41)				
	Deposit account number:				
		12-1820			
	(Attach duplicate copy of th	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Date: August 3, 1998					
OMB No. 0651-0011 (exp. 4/94)		66			
Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231					

ASSIGNMENT

			Attorney Docket No. 5702D-6566		
(1-8)	Insert Name(s) of Inventor(s)	(1) Yuk o WATANABE	(5)		
		(2) Ryc SAEKI	(6)		
		(3) Hideki NOZAKI	(7)		
		(4)	(8)		
	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does essign, transfer and set over to				
(9)	Insert name of Assignee	(9) Kabushiki Kaisha Toshiba			
(10)	Insert state of Incorporation of Assignee	(10) Japan			
(1 1)	Insert address of Assignee	(11) of 72, Horikawa-cho, Saiwai-ku, Kawasai (hereinat <u>ter designated as the Assignee) the entir</u> known as	ki-shi, Kanagawa-ken, Japan e worldwide right, title and interest in the invention		
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	AND SEMICONDUCTOR LIGHT-EMITTING DE (Case No. 5702D-6566) for which the undersigned has (have) executed	EMENT AND ITS MANUFACTURING METHOD, VICE I an application for patent in the United States of puntries corresponding thereto or based thereon.		
(13)	Insert Date of Signing of Application	(13) on <u>July 16, 1998</u>	—		
1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.					
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.					
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.					
4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.					
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.					
6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; MICHAEL J. RAM, Reg. No. 26,379; HIDEO KODA, Reg. No. 27,729; R. DABNEY EASTHAM, Reg No. 31,247; GARY D. MANN, Reg. No. 34,867, WILLIAM H. WRIGHT, Reg. No. 36,312; PETER J. GLUCK, Reg. No. 38,022; JONATHAN Y. KANG, Reg. No. 38,199; DAVID L. LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690 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 United States Patent and Trademark Office for recordation of this document.					
Date:	July 16,199 & signature of In	ventor	7. r.,		
Date:	July 16,199 Signature of In	ventor	4000		
Date: July 16,199 Signature of Inventor Wideki Mozaki					
Date:	Signature of In	ventor			

RECORDED: 08/07/1998

PATENT REEL: 9366 FRAME: 0097