PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi KATSUNO	03/05/2010
Yasuo OHBA	03/05/2010
Kei KANEKO	03/05/2010
Mitsuhiro KUSHIBE	03/05/2010

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha Toshiba	
Street Address:	1-1, Shibaura 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12719464

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 356210US2RD

NAME OF SUBMITTER: Vesna Bojanic

Total Attachments: 2

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PATENT

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Assignment of Application

100	eas, I (we) 1) Hiroshi KATSUNO		~					
NCS		2) Yasuo OHBA	11. 2.						
UK8:		3) Kei KANEKO							
		4) Mitsuhiro KUSHIBE					-		
		of:							
		l) Tokyo, Јарап							
		2) Kanagawa-ken, Japan							
		3) Kanagawa-ken, Japan			-				
		4) Tokyo, Japan							
		- Min							
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								,	respectively
OF .		ain new and useful improve		"SEM	CONDUC	TOR	LIGHT EMI	TTING DEVI	CE AND
(Appl	ication No.	12/719,464		, filed	March	8,	2010), and
	WHEREAS,	Kabushiki Kaisha Toshiba	1						
sor Charei	inafter referr	ed to as "ASSIGNEE") ha	ving a pla	ice of b	usiness at:	1-1,	Shibaura 1-c	home, Minato	-ku, Tokyo.

Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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: Mar. 5, 2010	Hiroshi Katsuno	
	(Signature of Inventor) Hiroshi KATSUNO	
Date: Mar. 5, 2010	Yasuo Ohba	
	(Signature of Inventor) Yasuo OHBA	
Date: Mar. 5, 2010	Kei Kaneko	
	(Signature of Inventor) Kei KANEKO	
Date: Mar. 5, 2010	mitsuhera Kushilee	
· · · · · · · · · · · · · · · · · · ·	(Signature of Inventor) Mitsuhiro KUSHIBE	
Date:	(Signature of Inventor)	
	(Signature of Inventor)	
Date:		
Date.	(Signature of Inventor)	
Date:	(Signature of Inventor)	
	Collinguation of Inventory	
Date:		
	(Signature of Inventor)	

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12/04

RECORDED: 04/16/2010

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