PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shouichi NISHIKAWA	11/20/2006
Tetsuro KOMATSU	11/27/2006
Hatsuo TAKEZAWA	11/22/2006
Yukinori AOKI	11/20/2006

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11613503	

CORRESPONDENCE DATA

Fax Number: (703)412-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000

Email: brimlinger@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	301020US2S
NAME OF SUBMITTER:	Brian Rimlinger

Total Attachments: 2

source=301020USAssignment#page1.tif

PATENT REEL: 018660 FRAME: 0623

500196909

D \$40.00 116

source=301020USAssignment#page2.tif

PATENT REEL: 018660 FRAME: 0624

ASSIGNMENT

In consideration of value received, I, having a residence as stated below above 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 patent entitled:

LENS-EQUIPPED LIGHT-EMITTING DIODE DEVICE AND METHOD OF MANUFACTURING THE SAME

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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 United States patent application:

(check one)	[X]	executed concurrently herewith		
,		executed on	;	
		Application No.	, filed	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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 invention.

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, VA 22314

PATENT REEL: 018660 FRAME: 0625

[1st Inventor]	
Residence Address: Yokohama-shi, Japan	12 0 1 1 1 0 2
Mailing Address: c/o Intellectual Property Division, To	oshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan	
Citizenship: Japan	
Shouichi Nishikawa	non-ember 20 200h
Shouichi Nishikawa	November 20, 2006 Date:
Shouldhi Nishikawa	Date.
[2nd Inventor]	
Residence Address: Yokohama-shi, Japan	
Mailing Address: c/o Intellectual Property Division, To	oshiba Corporation, 1-1, Shibaura 1-chome.
Minato-ku, Tokyo 105-8001, Japan	,
Citizenship: Japan	
~ + 1. +	20 (/
Tetsuro Homatsu	November 27, 2006
Tetsuro Komatsu	Date:
[9] []	
[3rd Inventor]	
Residence Address: Yokohama-shi, Japan Mailing Address: c/o Intellectual Property Division, To	oghiba Camparation 1.1 Shihayra 1 shama
Minato-ku, Tokyo 105-8001, Japan	osmoa Corporation, 1-1, ombaura 1-chome,
Citizenship: Japan	
Citizensinp. Japan	
TA	,
Hataura Jabosania	november 22, 2006
Hatsuo Takezawa Hatsuo Takezawa	Date:
7	
[4th Inventor]	
Residence Address: Yokohama-shi, Japan	
Mailing Address: c/o Intellectual Property Division, To	oshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan	
Citizenship: Japan	
7 4.	70 2 2 0
Yukmari aski	November 20, 2006 Date:
Yukinori Aoki	Date:

PATENT REEL: 018660 FRAME: 0626

RECORDED: 12/20/2006