om PTO-1592	(modified)
-------------	------------

000449.00035 103211509 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof: 1. Name of Conveying Party or Parties: 2. Name and address of receiving party or parties: 1. Iwao MATSUMOTO 2. Tatsuo TONEDACHI Kabushiki Kaisha Toshiba 1-1, Shibaura 1-chome Additional Names of conveying party or parties attached? Minato-ku, Tokyo ☐ Yes ■ No JAPAN Additional Name(s) and address(es) attached? ☐ Yes ■ No 3. Nature of Conveyance: **Assignment** Merger Security Agreement Change of Name П Other Execution Date: 03/14/2006; 03/14/2006 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: 03/14/2006 A. Patent Application Number(s): B. Patent Number(s): Additional Numbers attached?

Yes ■ No 5. Name and address of party to whom correspondence 6. Total Number of Applications and patents involved: concerning the document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Joseph M. Potenza Authorized to be charged to deposit account Banner & Witcoff, Ltd. Please charge or credit our deposit account for any 1001 G Street, N.W., Suite 1100 additional or refunded fees associated with recording this Washington, D.C. 20001-4597 assignment 8. Deposit Account No.: 19-0733 Do Not Use this Space 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is Atruecopy of the original document. Christopher R. Glembocki, Reg. No. 38,800 March 2652006 Name of Person Signing Signature Total Number of Pages including pve Sheet: 3

> **PATENT** REEL: 017690 FRAME: 0613

Attorney Docket No. 000449.00035 Client Reference: AHG040641-USA-A

ASSIGNMENT

WHEREAS, Iwao MATSUMOTO and Tatsuo TONEDACHI having a postal address of c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, JAPAN

hereinafter (collectively) referred to as the Assignor(s), have invented certain new and useful improvements in

> Semiconductor Light Emitting Device and SemiconductorLight Emitting Unit

for which an application for Letters Patent of the United States has been prepared, the Declaration for said application executed on even date herewith; said application having been filed in the United States Patent and Trademark Office on and accorded Serial Number ______, and was amended on _____ (if applicable); said application having been filed under the Patent Cooperation Treaty on ____ accorded Application No._____, the United States of America being designated; WHEREAS, Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo, JAPAN

hereinafter referred to as the Assignee(s), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States which may be granted therefor;

NOW THEREFORE, for good and valuable consideration the Assignor(s) by these presents do sell, assign, and transfer unto the Assignee(s), its successors, legal representatives and assigns, the full and exclusive right to the invention as described in said application, 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 and to any and all divisions, reissues, continuations and extensions thereof;

AND said Assignor(s) authorizes and requests the Commissioner of Patents and Trademarks to issue all said Letters Patent to said Assignee;

AND said Assignor(s) warrant and covenant that I/We have full right to convey the entire interest herein assigned and that I/We have not executed and will not execute any instrument or assignment in conflict herewith;

AND said Assignor(s) agree to communicate to said Assignee(s) or its representatives any facts known to me/us respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States when requested so to do by said Assignee.

1

PATENT REEL: 017690 FRAME: 0614

Attorney Docket No. 000449.00035 Client Reference: AHG040641-USA-A

AND the undersigned hereby grant(s) the firm of Banner & Witcoff, LTD 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

IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal.

Date: march 14, 2006	Signature: Quao Inatsumoto Name: Iwao MATSUMOTO
Date: Mar. / 14/ 2006	Signature: T. Tore clache Name: Tatsuo TONEDACHI
Date:	Signature:Name:
Date:	Signature:

2