PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazunori ANNEN	07/26/2011
Makoto IZUMI	07/26/2011
Kimiko MIEDA	07/26/2011
Kenichi YOSHIMURA	07/26/2011
Hiroshi FUKUNAGA	07/26/2011

RECEIVING PARTY DATA

Name:	Sharp Kabushiki Kaisha	
Street Address:	22-22, Nagaike-cho, Abeno-ku	
City:	Osaka-shi, Osaka	
State/Country:	JAPAN	
Postal Code:	545-8522	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13198432

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	24540-20242.00
NAME OF SUBMITTER:	Jonathan Bockman

Total Attachments: 2

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> PATENT REEL: 026823 FRAME: 0965

13198432

CH \$40,00

MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Sharp Kabushiki Kaisha

22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan.

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, 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 and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

Light Emitting Apparatus and Method for Manufacturing Thereof

Attorney Docket No.: 245402024200

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/198,432 Filing Date: August 4, 2011

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

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- 2. 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 of similar agreements.
- 3. 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.
- 4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
- 5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP 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 WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

July 26, 2011	Layunori annen
Date	Typed Name: Kazunori ANNEN
July 26, 2011 Date	Makoto Ezumi Typed Name: Makoto IZUMI
Date	Typed Name. Maketo TzoMT
July 26, 2011	Himiho Mieda
Date	Typed Name: Kimiko MIEDA
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July 26, 2011	Kenichi Yoshimnra.
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July 26, 2011	Hiroshi Fukunaga
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