

12-10-2002



U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office
Docket No. 204552025900

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

J1000 U.S. PTO
10/304710
11/27/02

1. Name of conveying party(ies):

Junichi NAKAMURA
Kazuaki SASAKI

2. Name and address of receiving party(ies):

Sharp Kabushiki Kaisha
22-22, Nagaike-cho, Abeno-ku
Osaka, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

MRD 11/27/02

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: November 20, 2002

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: November 20, 2002

A. Patent Application No.(s)

10304710

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Barry E. Bretschneider
Morrison & Foerster LLP
1650 Tysons Boulevard, Suite 300
McLean, VA 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account, referencing
Attorney Docket 204552025900

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Barry E. Bretschneider
Registration No: 28,055

Signature

November 27, 2002

Date

Total number of pages comprising cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

12/10/2002 LNUELLER 00000046 031952 10304710

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

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va-18115

PATENT
REEL: 013548 FRAME: 0706

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 of
22-22, Nagaike-cho, Abeno-ku, Osaka, 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:

SEMICONDUCTOR LIGHT-EMITTING DEVICE

Attorney Docket No.:

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.:

Filing Date:

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).

Nov 20, 2002

Date

Junichi NAKAMURA

Typed Name: Junichi NAKAMURA

Nov 20, 2002

Date

Kazuaki SASAKI

Typed Name: Kazuaki SASAKI

Date

Typed Name:

Date

Typed Name:

Date

Typed Name:

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

Nov 20, 2002

Date

Naoko Itoh

Typed Name: Naoko ITOH

Nov 20, 2002

Date

Satoko Koshio

Typed Name: Satoko KOSHIO

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RECORDED: 11/27/2002

PATENT
REEL: 013548 FRAME: 0708