

03-25-2003

U.S. DEPARTMENT OF COMMERCE



SHEET

Patent and Trademark Office
Docket No.: 204552027300

3-11-03

102398629

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

1. Name of conveying party(ies):

Kazunori MATSUBARA
Ayumi YAGI

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

SHARP KABUSHIKI KAISHA
22-22, Nagaike-cho, Abeno-ku
Osaka, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: February 27, 2003

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:

February 27, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

10/384543

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, Virginia 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 2045520273008. Deposit account number: 03-1952The 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**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 a true copy of the original document.

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

Signature

March 11, 2003

Date

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

03/24/2003 ECOOPER 00000184 031952 10384543

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

va-26973

PATENT
REEL: 013869 FRAME: 0216

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 Laser Apparatus and
Optical Pickup Apparatus Using Same

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).

02/27/2003
Date

02/27/2003
Date

Date

Date

Date

Kazunori Matsubara
Typed Name: Kazunori MATSUBARA

Ayumi Yagi
Typed Name: Ayumi YAGI

Typed Name:

Typed Name:

Typed Name:

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

February 27, 2003
Date

February 27, 2003
Date

Naoko Itoh
Typed Name: Naoko ITOH

Sawako Hattori
Typed Name: Sawako HATTORI