

02-08-2001

U.S. DEPARTMENT OF COMMERCE



OVER SHEET

Patent and Trademark Office  
Docket No. 325772021600

101607446

JY

1.29-01

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

Jc970 U.S. PTO  
09/770203  
01/29/01

1. Name of conveying party(ies):  
 1. Hiroshi HATANO 2. Kazuyuki OGURA  
 3. Akira SATO 4. Yujiro SUZUKI

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation-State       Other

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

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

MINOLTA CO., LTD.  
 Osaka Kokusai Building  
 3-13, 2-chome, Azuchi-machi, Chuo-ku  
 Osaka-shi, Osaka, 541-8556 Japan

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: January 13, 2001, January 13, 2001, January 16, 2001 and  
 January 17, 2001

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: January 13, 2001, January 13, 2001, January 16, 2001 and January 17, 2001

A. Patent Application No.(s)      B. Patent No.(s)

Additional numbers attached?  Yes  No

09770203

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

Barry E. Bretschneider  
 Morrison & Foerster LLP  
 2000 Pennsylvania Avenue, N.W.  
 Washington, D.C. 20006-1888

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 325772021600

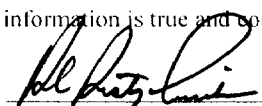
8. Deposit account number: **03-1952**

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

**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            January 29, 2001  
 Registration No: 28.055      Signature      Date

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

**Mail documents to be recorded with required cover sheet information to:**  
 U.S. Patent and Trademark Office  
 Office of Public Records  
 Box Assignments  
 Crystal Gateway 4, Room 335  
 Washington, D.C. 20231

dc-247222

**PATENT**  
**REEL: 011490 FRAME: 0383**

# MORRISON & FOERSTER<sub>LLP</sub>

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:

**Minolta Co., Ltd.  
Osaka Kokusai Bldg.  
3-13, 2-chome, Azuchi-machi  
Chuo-ku, Osaka 541-8556  
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:

## **OPTICAL HEAD, AND OPTICAL RECORDING AND REPRODUCING APPARATUS**

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.

Page 1 of 2

**PATENT  
REEL: 011490 FRAME: 0384**

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).

Jan. 13, 2001

Date

Hiroshi Hatano

Typed Name: Hiroshi HATANO

Jan. 13, 2001

Date

Kazuyuki Ogura

Typed Name: Kazuyuki OGURA

Jan. 16, 2001

Date

Akira Sato

Typed Name: Akira SATO

Jan. 17, 2001

Date

Yujiro Suzuki

Typed Name: Yujiro SUZUKI

Date

Typed Name:

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

Date

Typed Name:

Date

Typed Name:

Page 2 of 2