

08-30-2001

U.S. DEPARTMENT OF COMMERCE



EET

Patent and Trademark Office  
Docket No. 325772026500

101828781

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

1. Name of conveying party(ies):  
1. Koji HARADA 2. Hitoshi KAMEZAWA 3. Yoshihisa ABE

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

08/21/01

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

J1050 U.S. PRO  
09/932936  
08/21/01

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: August 2, 2001

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

4. Application number(s) or patent number(s):

09/932936

If this document is being filed together with a new application, the execution date of the application is: August 2, 2001

A. Patent Application No.(s)

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  
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. Transmittal form is attached to this submission in duplicate (for fee processing).

8. Deposit account number: 03-1952 (Ref. 325772026500)

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  
Registration No: 28,055

Signature

August 21, 2001  
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  
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Washington, D.C. 20231

dc-276277

**PATENT**  
**REEL: 012111 FRAME: 0600**

# 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:

**Minolta Co., Ltd.  
Osaka Kokusai Bulding  
3-13, 2-Chome Azuchi-Machi  
Chuo-Ku, Osaka-Shi, 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:

METHOD AND APPARATUS FOR EXTRACTING SURFACE FROM THREE-DIMENSIONAL SHAPE DATA AS WELL AS RECORDING MEDIUM

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: 012111 FRAME: 0601**

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).

Aug. 2, 2001  
Date

Koji Harada  
Typed Name: Koji HARADA

Aug. 2, 2001  
Date

Hitoshi Kamezawa  
Typed Name: Hitoshi KAMEZAWA

Aug. 2, 2001  
Date

Yoshihisa Abe  
Typed Name: Yoshihisa ABE

\_\_\_\_\_  
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:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name: