

01-30-2002

FORM PTO-1595
P21599.P03

REC:

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents a:

101964633

documents or copy thereof.

1. Name of Conveying party(ies):

ABE, Nobuaki

2. Name and address of receiving party(ies)

Name: ASAHI KOGAKU KOGYO KABUSHIKI KAISHA

Internal Address:

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

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: January 15, 2002

Street Address: 36-9, Maenochi 2-chome,

Itabashi-ku, Tokyo, JAPAN

City:

State:

ZIP:

Additional name(s) and address(es) attached? Yes X 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: January 15, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: Yes X No

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

Name: Bruce H. Bernstein

Internal Address: P21599

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston

State: VA

ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

X Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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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.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

Signature

Date

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

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

01/25/2002 GGEBREGI 00000031 10050991

03 FC:581

40.00 DP

PATENT
REEL: 012507 FRAME: 0660

ASSIGNMENT

WHEREAS, Nobuaki ABE (inventor), a citizen of Japan, whose post office address is c/o ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan (address), hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

IMAGE INTERPOLATING DEVICE

for which he has executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Roland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date(s) indicated below.

Witnessed by:

| | | | |
|----------------------|------------------|--------------------|---------------------|
| <u>Eiichi Ohashi</u> | <u>1/15/2002</u> | <u>Nobuaki ABE</u> | <u>Jan 15, 2002</u> |
| Name | Date | Nobuaki ABE | |

| | |
|-------------------|------------------|
| <u>Rei Takagi</u> | <u>1/15/2002</u> |
| Name | Date |