

6-8-01

06-13-2001

To the Honorable Commissioner of

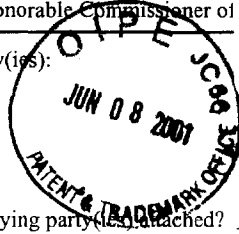


original documents or copy thereof.

1. Name of Conveying party(ies):  
Hisahiko TAKEUCHI

101747366

receiving party(ies)



Name: SQUARE CO., LTD.

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

Internal Address: \_\_\_\_\_

Street Address: Arco Tower, 1-8-1 Shimomeguro, Meguro-ku, Tokyo

153-8688 JAPAN

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other \_\_\_\_\_

Execution Date: May 23, 2001

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: \_\_\_\_\_

A. Patent Application No.(s)  
09/833,613

B. Patent No.(s)

Additional numbers attached: \_\_\_ Yes X No

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

6. Total number of applications and patents involved: 1

Name: Bruce H. Bernstein

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

Internal Address: P 20580

Enclosed

06/12/2001 GT0N11 00000167 09833613

01 FC:581 40.00 0P

Authorized to be charged to deposit account

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

8. Deposit account number:

19-0089

1941 Roland Clarke Place

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

City: Reston State: VA ZIP: 20191

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.

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

by Leslie Paperna Reg No 33,329  
Signature

6/8/01  
Date

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

ASSIGNMENT

WHEREAS, **Hisahiko TAKEUCHI**, a citizen of Japan, whose post office address is c/o Square Co., Ltd., Arco Tower, 1-8-1 Shimomeguro, Meguro-ku, Tokyo 153-8688 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

**FILTERING PROCESSING ON SCENE IN VIRTUAL 3-D SPACE**

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, and James L. Rowland, Reg. No. 32,674, 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. 09/833,613, filed April 13, 2001) the filing date and application number of said application when known.

AND WHEREAS, **Square Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is Arco Tower, 1-8-1 Shimomeguro, Meguro-ku, Tokyo 153-8688 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 indicated below.

Witnessed by:

Yohie Takeuchi May 23, 2001  
Name Date

Hisahiko TAKEUCHI May. 23, 2001  
Hisahiko TAKEUCHI Date

Sachie Kitano May 23, 2001  
Name Date