

06-03-2003

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102462116

... (HEREOF.

5-28-03

1. NAME OF CONVEYING PARTY(IES), ASSIGNOR(S):

1. Teruo TAJIMA

2. Motohiro SUZUKI

3.

4.

5.

6.

7.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF☒ WHOLE☐ PART INTEREST☒ ORIGINAL☐ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER☐ OTHER:

EXEC. DATE: March 10, 2003

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 10, 2003

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S)

M#

1* INVENTOR

B. PATENT NO(S)

M#

1* INVENTOR

series code/serial no

If not in Item 1

If not in Item 1

10/388,159

0302509

5. Name & Address of Party to Whom Correspondence

Concerning Document Should be Mailed:

Pillsbury Winthrop LLP

Intellectual Property Group

P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0302509

T4HW-02S0870-1

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

NUMBER: 03-3975

UNDER ORDER NO

008312

0302509

MATTER NO.

CLIENT REF.

dup. sheet not required

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9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

3

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Date: May 28, 2003

Atty/Sec: gjp/nlh

TEL: (703) 905-2161

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

06/02/2003 TDI A21 00000033 033975 10388159

01 FC:8021

40.00 CH

A S S I G N M E N T

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

AV DEVICES AND METHOD OF CONTROLLING THE SAME

said application having been filed on _____
 and assigned Application No. _____ ;
 sell and assign to
 KABUSHIKI KAISHA TOSHIBA
 a corporation of Japan, having a business address at
 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

 X executed concurrently herewith:

 executed separately herefrom:

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Pillsbury Winthrop LLP, 1600 Tysons Boulevard,
 McLean, Virginia 22102

ASSIGNMENT

02S0870-1

Inventor: (Signature)

Date

Residence

Teruo Tajima.

March 10, 2003

Ome-shi, Japan

Teruo Tajima

Motohiro Suzuki

March 10, 2003

Ome-shi, Japan

Motohiro Suzuki

RECORDING OFFICER:

After recording please return to:
Pillsbury Winthrop LLP

1600 Tysons Boulevard
McLean, Virginia 22102



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RECORDED: 05/28/2003

PATENT
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