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## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.112/05/2005  
500063611

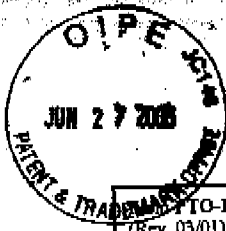
SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Address (in part) to the second receiving party previously recorded on Reel 016737 Frame 0678. Assignor(s) hereby confirms the changes to correct the 2nd receiving party's address (in part) from Tokohama-shi to Yokohama-shi.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hideto Takeuchi</td><td>11/19/2001</td></tr><tr><td>Katsushi Ikeuchi</td><td>11/19/2001</td></tr></tbody></table>		Name	Execution Date	Hideto Takeuchi	11/19/2001	Katsushi Ikeuchi	11/19/2001				
Name	Execution Date										
Hideto Takeuchi	11/19/2001										
Katsushi Ikeuchi	11/19/2001										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sony Corporation</td></tr><tr><td>Street Address:</td><td>7-35, Kitashinagawa 6-chome, Shinagawa-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>141-0001</td></tr></table>		Name:	Sony Corporation	Street Address:	7-35, Kitashinagawa 6-chome, Shinagawa-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	141-0001
Name:	Sony Corporation										
Street Address:	7-35, Kitashinagawa 6-chome, Shinagawa-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	141-0001										
<table border="1"><tr><td>Name:</td><td>Katsushi Ikeuchi</td></tr><tr><td>Street Address:</td><td>2-12, Umegaoka Aoba-ku, Yokohama-shi</td></tr><tr><td>City:</td><td>Kanagawa</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>141-0001</td></tr></table>		Name:	Katsushi Ikeuchi	Street Address:	2-12, Umegaoka Aoba-ku, Yokohama-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	141-0001
Name:	Katsushi Ikeuchi										
Street Address:	2-12, Umegaoka Aoba-ku, Yokohama-shi										
City:	Kanagawa										
State/Country:	JAPAN										
Postal Code:	141-0001										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>09950391</td></tr></tbody></table>		Property Type	Number	Application Number:	09950391						
Property Type	Number										
Application Number:	09950391										
CORRESPONDENCE DATA											
Fax Number:	(312)827-8185										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	312-566-5035										
Email:	patents@bellboyd.com										
Correspondent Name:	Julie A. Jager										
Address Line 1:	P.O. Box 1135										

CH \$40.00 09950391

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Address Line 4: Chicago, ILLINOIS 60690-1135	
ATTORNEY DOCKET NUMBER:	113184-052
NAME OF SUBMITTER:	Julie Jager
Total Attachments: 1 source=Assignment#page1.tif	



6/27/05

07-06-2005

Docket No: 113184-052

PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

REC



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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

- (1) Hideto Takeuchi  
(2) Katsushi Ikeuchi

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

## 3. Nature of conveyance:

- Assignment Merger  
Security Agreement Change of Name  
☒ Other Multiple Assignees

Execution Date(s): (1) 11-19-01; (2) 12-04-01

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

Name: Sony Corporation

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

Street Address: 7-35, Kitashinagawa 6-chome  
Shinagawa-kuCity: Tokyo, Japan State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Additional name(s) & address(es) attached? ☒ Yes ☐ 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)  
09/950,391

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Thomas C. Basso  
Bell, Boyd & Lloyd LLC  
P.O. Box 1135  
Chicago, Illinois 60690-1135  
Fax: 312.827.8185

## 6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

02-1818

(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.*

Thomas C. Basso (46,541)

Name of Person Signing

Signature

June 23, 2005

Date

Total number of pages including cover sheet, attachments, and documents: \_\_\_\_\_

Mail documents to be recorded with required cover sheet information to:  
Commissioner for Patents, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450

07/05/2005 BT0111 00000130 09950391

01 FC:8021

40.00 DP

678151/D/1

PATENT  
REEL: 017143 FRAME: 0087

Additional name and address of receiving party:

**Katsushi Ikeuchi**  
**2-12, Umegaoka Aoba-ku**  
**Tokohama-shi**  
**Kanagawa, Japan**

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## ASSIGNMENT

FOR a valuable consideration, the undersigned,  
residing at

HIDETO TAKEUCHI  
c/o Sony Corporation,  
7-35, Kitashinagawa 6-chome,  
Shinagawa-ku,  
Tokyo, Japan

KATSUSHI IKEUCHI  
2-12, Umegaoka Aoba-ku,  
Yokohama-shi,  
Kanagawa, Japan

hereby sell, assign and transfer unto SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo, Japan, a Japanese corporation, and KATSUSHI IKEUCHI, 2-12, Umegaoka  
Aoba-ku, Yokohama-shi, Kanagawa, Japan, a Japanese Individual, the whole right, title and interest in  
and to a certain invention or improvement in

## IMAGE PROCESSING DEVICE AND METHOD, AND RECORDING MEDIUM

disclosed in an application for Letters Patent of the United States, prepared by the firm of Bell, Boyd &  
Lloyd of Chicago, Illinois, filed in the United States Patent and Trademark Office on September 10,  
2001, U.S. Serial No. 09/950,391, said application being identified in the office records of said firm as  
Case No. 113184-052 and in our own records as Case No. SK01P14US00J, and in and to the  
United States Letters Patent therefor, when issued, together with all improvements thereon and  
betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said  
application, and all rights and privileges under the Letters Patent that may be granted therefor, including  
the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that  
may be granted for said invention or improvements to said SONY CORPORATION, 7-35,  
Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan, and KATSUSHI IKEUCHI, 2-12, Umegaoka  
Aoba-ku, Yokohama-shi, Kanagawa, Japan.

For the same consideration, we hereby agree that we will promptly communicate to the  
aforesaid assignee or its assigns full and complete information concerning said improvements or  
betterments of the inventions disclosed in said application, and will cooperate at any time upon request  
of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the  
inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and  
reissue applications; will make all rightful oaths, will testify in any proceedings in the United States  
Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its  
successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the  
inventions embraced within the terms of this document.

DATE: November 19, 2001

Hideto Takeuchi  
HIDETO TAKEUCHI

DATE: Dec 6 '01

Katsushi Ikeuchi  
KATSUSHI IKEUCHI

WITNESSES:

Kazumi Akiyama  
KAZUMI AKIYAMA

Yuko Saiki  
YUKO SAIKI