

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shuichi Takahashi</td> <td>09/14/2010</td> </tr> <tr> <td>Takanori Ishikawa</td> <td>09/14/2010</td> </tr> <tr> <td>Isao Ohashi</td> <td>09/14/2010</td> </tr> <tr> <td>Satoshi Shioiri</td> <td>09/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Shuichi Takahashi	09/14/2010	Takanori Ishikawa	09/14/2010	Isao Ohashi	09/14/2010	Satoshi Shioiri	09/29/2010
Name	Execution Date										
Shuichi Takahashi	09/14/2010										
Takanori Ishikawa	09/14/2010										
Isao Ohashi	09/14/2010										
Satoshi Shioiri	09/29/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Sony Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-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>108-0075</td> </tr> </table>		Name:	Sony Corporation	Street Address:	1-7-1 Konan, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-0075
Name:	Sony Corporation										
Street Address:	1-7-1 Konan, Minato-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	108-0075										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12951116</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12951116						
Property Type	Number										
Application Number:	12951116										
CORRESPONDENCE DATA											
Fax Number: (617)646-8646 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 6176468000 Email: jleveille@wolfgreenfield.com Correspondent Name: Wolf Greenfield & Sacks, P.C. Address Line 1: 600 Atlantic Avenue Address Line 4: Boston, MASSACHUSETTS 02210											
ATTORNEY DOCKET NUMBER:	S1459.70855US00										
NAME OF SUBMITTER:	Randy J. Pritzker										
Total Attachments: 2 source=S1459.70855US00 - Executed Oath#page1.tif											

CH \$40.00 12951116

501357008

PATENT
REEL: 025387 FRAME: 0589

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in
IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND PROGRAM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

AND WHEREAS, **SONY CORPORATION**, a Japanese corporation, with offices at 1-7-1 Konan, Minato-ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 12/951,116, Filing Date: Nov. 22, 2010

This assignment executed on the dates indicated below.

SHUICHI TAKAHASHI

Name of first or sole inventor
KANAGAWA JAPAN

Residence of First or sole inventor

Shuichi Takahashi
Signature of first or sole inventor

Execution date of U.S. Patent Application

September 14, 2010
Date of this assignment

TAKANORI ISHIKAWA

Name of second inventor
SAITAMA JAPAN

Residence of second inventor

Takanori Ishikawa
Signature of second inventor

Execution date of U.S. Patent Application

September 14, 2010
Date of this assignment

ISAO OHASHI

Name of third inventor
KANAGAWA JAPAN

Residence of third inventor

Isao Ohashi
Signature of third inventor

Execution date of U.S. Patent Application

September 14, 2010
Date of this assignment

PATENT

REEL: 025387 FRAME: 0591

ADDITIONAL INVENTOR(S)

SATOSHI SHIOIRI

Name of fourth inventor

MIYAGI JAPAN

Residence of fourth inventor

Sat Shioiri
Signature of fourth inventor

Execution date of U.S. Patent Application

September 29, 2010
Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment

Name of sixth inventor

Execution date of U.S. Patent Application

Residence of sixth inventor

Signature of sixth inventor

Date of this assignment

Name of seventh inventor

Execution date of U.S. Patent Application

Residence of seventh inventor

Signature of seventh inventor

Date of this assignment

Name of eighth inventor

Execution date of U.S. Patent Application

Residence of eighth inventor

Signature of eighth inventor

Date of this assignment

Name of ninth inventor

Execution date of U.S. Patent Application

Residence of ninth inventor

Signature of ninth inventor

Date of this assignment