

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kenichi NISHIO</td><td>04/20/2011</td></tr><tr><td>Hyongmyong KANG</td><td>04/26/2011</td></tr><tr><td>Hiroyuki KINOSHITA</td><td>04/25/2011</td></tr><tr><td>Tsukasa HASHINO</td><td>04/25/2011</td></tr><tr><td>Takuya KATO</td><td>04/25/2011</td></tr><tr><td>Gentaro IRISAWA</td><td>04/25/2011</td></tr><tr><td>Atsuo MINATO</td><td>04/25/2011</td></tr></tbody></table>		Name	Execution Date	Kenichi NISHIO	04/20/2011	Hyongmyong KANG	04/26/2011	Hiroyuki KINOSHITA	04/25/2011	Tsukasa HASHINO	04/25/2011	Takuya KATO	04/25/2011	Gentaro IRISAWA	04/25/2011	Atsuo MINATO	04/25/2011
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<table border="1"><tr><td>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						
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CORRESPONDENCE DATA																	
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PATENT
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NAME OF SUBMITTER:

Alicia Rosen

Total Attachments: 4

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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 DEVICE, 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: _____, Filing Date: _____

This assignment executed on the dates indicated below.

KENICHI NISHIO

Name of first or sole inventor

KANAGAWA JAPAN

Residence of first or sole inventor

西沢 研一

Signature of first or sole inventor

APR. 20, 2011
Execution date of U.S. Patent Application

APR. 20, 2011
Date of this assignment

HYONGMYONG KANG

Name of second inventor

TOKYO JAPAN

Residence of second inventor

姜 亨明

Signature of second inventor

APR. 26, 2011
Execution date of U.S. Patent Application

APR. 26, 2011
Date of this assignment

HIROYUKI KINOSHITA

Name of third inventor

TOKYO JAPAN

Residence of third inventor

Signature of third inventor

Execution date of U.S. Patent Application

Date of this assignment

ADDITIONAL INVENTOR(S)

TSUKASA HASHINO

Name of fourth inventor
KANAGAWA JAPAN

Residence of fourth inventor

橋野 司
Signature of fourth inventor

APR. 25. 2011

Execution date of U.S. Patent Application

APR. 25. 2011

Date of this assignment

TAKUYA KATO

Name of fifth inventor
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Residence of fifth inventor

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Signature of fifth inventor

APR. 25. 2011

Execution date of U.S. Patent Application

APR. 25. 2011

Date of this assignment

GENTARO IRISAWA

Name of sixth inventor
KANAGAWA JAPAN

Residence of sixth inventor

Gentaro Irisawa
Signature of sixth inventor

APR. 25. 2011

Execution date of U.S. Patent Application

APR. 25. 2011

Date of this assignment

ATSUO MINATO

Name of seventh inventor
KANAGAWA JAPAN

Residence of seventh inventor

渡 満郎
Signature of seventh inventor

APR. 25. 2011

Execution date of U.S. Patent Application

APR. 25. 2011

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

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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;

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Name of first or sole inventor
KANAGAWA JAPAN

Residence of First or sole inventor

Execution date of U.S. Patent Application

Signature of first or sole inventor

Date of this assignment

HYONGMYONG KANG

Name of second inventor
TOKYO JAPAN

Residence of second inventor

Execution date of U.S. Patent Application

Signature of second inventor

Date of this assignment

HIROYUKI KINOSHITA

Name of third inventor
TOKYO JAPAN

Residence of third inventor

Execution date of U.S. Patent Application

Hiroyuki Kinoshita
Signature of third inventor

April 25, 2011
Date of this assignment

ADDITIONAL INVENTOR(S)

TSUKASA HASHINO

Name of fourth inventor

KANAGAWA JAPAN

Residence of fourth inventor

Execution date of U.S. Patent Application

Signature of fourth inventor

Date of this assignment

TAKUYA KATO

Name of fifth inventor

TOKYO JAPAN

Residence of fifth inventor

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GENTARO IRISAWA

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