

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

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

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yoko Fukata (11/20/2012), Toshiki Ono
(11/20/2012), and Masanori Mikami (11/20/2012)

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

2. Name and address of receiving party(ies)

Name: Sony Corporation

Internal Address: _____

Street Address: _____

1-7-1 Konan, Minato-ku
Tokyo
108-0075
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/743,845

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dennis M. Smid, Esq.
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: SONYJP 3.0-2983

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: ataylor@ldlkm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

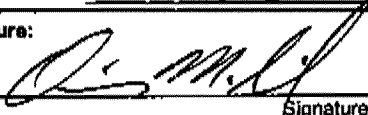
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12-1095

Authorized User Name Dennis M. Smid, Esq.

9. Signature:



Signature

January 17, 2013

Date

Dennis M. Smid, Esq. - 34,930

Name of Person Signing

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

4

Attorney Docket No.: SONYJP 3.0-2983
Sony Ref. No.: SP343132US00

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of
Invention

**IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND
RECORDING MEDIUM**

As the below named inventor, I hereby declare that:

This declaration
is directed to:

☒ The attached application, or

☐ United States application or PCT international application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, SONY CORPORATION, with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, 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 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and
legal representatives, the entire right, title and interest in 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 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 said 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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: YOKO FUKATA

Date: November 20, 2012

Signature: 

Attorney Docket No.: SONYJP 3.0-2983
Sony Ref. No.: SP343132US00

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of
Invention

**IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND
RECORDING MEDIUM**

As the below named inventor, I hereby declare that:

This declaration
is directed to:

☒ The attached application, or

☐ United States application or PCT international application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, SONY CORPORATION, with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, 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 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and
legal representatives, the entire right, title and interest in 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 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 said 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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: TOSHIKI ONO

Date: November 20, 2012

Signature: TOSHIKI ONO

Attorney Docket No.: SONYJP 3.0-2983
Sony Ref. No.: SP343132US00

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of
Invention

**IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND
RECORDING MEDIUM**

As the below named inventor, I hereby declare that:

This declaration
is directed to:

☒ The attached application, or

☐ United States application or PCT international application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, SONY CORPORATION, with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, 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 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and
legal representatives, the entire right, title and interest in 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 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 said 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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: MASANORI MIKAMI

Date: November 20, 2012

Signature: Masanori Mikami

PATENT

RECORDED: 01/17/2013

REEL: 029662 FRAME: 0137