

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3300443

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROTAKA NONAKA	07/11/2012
HIDEHIRO KATOH	04/01/2015
TEPPEI KUBOTA	04/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JVC KENWOOD CORPORATION
<b>Street Address:</b>	12, MORIYA-CHO 3-CHOME, KANAGAWA-KU
<b>City:</b>	YOKOHAMA-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	2210022
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14524474
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)683-8396
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7035486284
<b>Email:</b>	hpierce@nathlaw.com
<b>Correspondent Name:</b>	NATH, GOLDBERG & MEYER
<b>Address Line 1:</b>	112 S WEST STREET
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<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	32382UA
<b>NAME OF SUBMITTER:</b>	JERALD L. MEYER
<b>SIGNATURE:</b>	/Jerald L. Meyer/
<b>DATE SIGNED:</b>	04/06/2015
<b>Total Attachments: 11</b>	
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**DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT**

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

**Title:** IMAGE PICKUP APPARATUS AND IMAGE SHAKE CORRECTION METHOD

U.S. application serial number or PCT international application number 14/524,474

Filed on October 27, 2014

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, JVC KENWOOD Corporation  
whose business address is 12, Moriya-cho 3-chome, Kanagawa-ku, Yokohama-shi,  
Kanagawa 2210022 Japan

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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: Hidehiro KATOH

INVENTOR SIGNATURE: Hidehiro Katoh

DATE: April 1 2015

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

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whose business address is 12, Moriya-cho 3-chome, Kanagawa-ku, Yokohama-shi,  
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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: Teppei KUBOTA

INVENTOR SIGNATURE: Teppei Kubota

DATE: April 1 2015

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	IMAGE PICKUP APPARATUS AND IMAGE SHAKE CORRECTION METHOD		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>14/524,474</u> filed on <u>October 27, 2014</u>			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Hirotaka NONAKA			
Residence (except for a deceased or legally incapacitated inventor):			
City	State	Country	
Kanagawa		Japan	
Mailing Address (except for a deceased or legally incapacitated inventor):			
4-21-9, Azamino, Aoba-ku,			
City	State	Zip	Country
Yokohama-shi, Kanagawa		225-0011	Japan
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input checked="" type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**SUBSTITUTE STATEMENT**

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

**PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

Name: **Teppei KUBOTA** Date (Optional): **April 1 2015**

Signature: *Teppei Kubota*

**APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name:

Title of Person Executing  
This Substitute Statement:

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

**Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):**

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.



**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

<b>Title of Invention</b>	IMAGE PICKUP APPARATUS AND IMAGE SHAKE CORRECTION METHOD		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>14/524,474</u> filed on <u>October 27, 2014</u>			
<b>LEGAL NAME of inventor to whom this substitute statement applies:</b>			
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Hirotaka NONAKA			
Residence (except for a deceased or legally incapacitated inventor):			
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I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
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<input checked="" type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

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If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

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### PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Hidehiro KATOH** April 1 2015  
Date (Optional):

Signature: *Hidehiro Katoh*

### APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name:

Title of Person Executing  
This Substitute Statement:

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City	State	Country
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Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City	State	Zip	Country
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Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to Hirotaka NONAKA, Hidehiro KATO and Teppei KUBOTA hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful

IMAGE PICKUP APPARATUS AND IMAGE SHAKE CORRECTION METHOD

hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, JVC KENWOOD Corporation, a corporation organized and existing under the laws of the country/state of Japan, whose post office address/business address is 12, Moriya-cho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 2210022 Japan, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

ASSIGNMENT

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By:	<u>Inventor's Name: Hirotaka NONAKA</u>	<u>                    </u>
	(first inventor)	Date
By:	<u>Hidehiro Katoh</u>	<u>July 11, 2012</u>
	Inventor's Name: Hidehiro KATOH	Date
	(second inventor)	
By:	<u>Kubota Tepper</u>	<u>July 11, 2012</u>
	Inventor's Name: Tepper KUBOTA	Date
	(third inventor)	
By:	<u>                    </u>	<u>                    </u>
	Inventor's Name:	Date
	(fourth inventor)	
By:	<u>                    </u>	<u>                    </u>
	Inventor's Name:	Date
	(fifth inventor)	
By:	<u>                    </u>	<u>                    </u>
	Inventor's Name:	Date
	(sixth inventor)	
By:	<u>                    </u>	<u>                    </u>
	Inventor's Name:	Date
	(seventh inventor)	

ASSIGNMENT

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By: Hiroataka Nonaka July 11, 2012  
Inventor's Name: Hiroataka NONAKA Date  
(first inventor)

By: \_\_\_\_\_  
Inventor's Name: Hidehiro KATOH Date  
(second inventor)

By: \_\_\_\_\_  
Inventor's Name: Teppeï KUBOTA Date  
(third inventor)

By: \_\_\_\_\_  
Inventor's Name: \_\_\_\_\_ Date  
(fourth inventor)

By: \_\_\_\_\_  
Inventor's Name: \_\_\_\_\_ Date  
(fifth inventor)

By: \_\_\_\_\_  
Inventor's Name: \_\_\_\_\_ Date  
(sixth inventor)

By: \_\_\_\_\_  
Inventor's Name: \_\_\_\_\_ Date  
(seventh inventor)