

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Masahiro SHIRONO</td><td>03/10/2007</td></tr><tr><td>Hirokazu KOBAYASHI</td><td>03/05/2007</td></tr></tbody></table>	Name	Execution Date	Masahiro SHIRONO	03/10/2007	Hirokazu KOBAYASHI	03/05/2007	
Name	Execution Date						
Masahiro SHIRONO	03/10/2007						
Hirokazu KOBAYASHI	03/05/2007						
RECEIVING PARTY DATA							
Name:	KYOCERA CORPORATION						
Street Address:	6, Takeda Tobadono-cho, Fushimi-ku						
City:	Kyoto-shi, Kyoto						
State/Country:	JAPAN						
Postal Code:	612-8501						
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>11575866</td></tr></tbody></table>	Property Type	Number	Application Number:	11575866			
Property Type	Number						
Application Number:	11575866						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Lawrence J. McClure						
Total Attachments: 2 source=818900034rfcl#page1.tif source=818900034assg#page1.tif							

CH \$40.00 11575866

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PATENT
REEL: 019052 FRAME: 0697

RECORDATION FORM COVER LETTER
PATENTS ONLY

Attorney Docket No.: 81890.0034

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masahiro SHIRONO signed 03/10/2007
Hirokazu KOBAYASHI signed 03/05/2007

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

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

KYOCERA CORPORATION
6, Takeda Tobadono-cho, Fushimi-ku
Kyoto-shi, Kyoto 612-8501 Japan

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 5 and 10, 2007

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: March 10, 2007

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Lawrence J. McClure, Esq.
HOGAN & HARTSON L.L.P.
1999 Avenue of the Stars, Suite 1400
Los Angeles, CA 90067

6. Total number of applications and patents involved: [1]

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

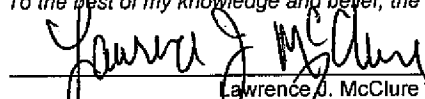
50-1314

(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 is true and correct and any attached copy is a true copy of the original document.


Lawrence J. McClure

Date: March 22, 2007

OMB No. 0551-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

(1-8) *Name(s) of Inventor(s)* (1) Masahiro SHIRONO (5)
 (2) Hirokazu KOBAYASHI (6)
 (3) (7)
 (4) (8)

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) *Name of Assignee* (9) KYOCERA CORPORATION
 (10) *State of Incorporation of Assignee* (10) Corporation of Japan
 (11) *Address of Assignee* (11) of 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8501 Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
 (12) *Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) Camera Module and Portable Terminal Employing the Same, PCT/JP2005/016540 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
 (13) *Date(s) of Signing of Declaration* (13) on

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021 →

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 03/10/2007 Signature of Inventor 1 城野 方博
 Date: 03/05/2007 Signature of Inventor 2 小林 敬和
 Date: _____ Signature of Inventor 3 _____
 Date: _____ Signature of Inventor 4 _____
 Date: _____ Signature of Inventor 5 _____
 Date: _____ Signature of Inventor 6 _____