PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hideyuki Hamano	11/14/2006

RECEIVING PARTY DATA

Name:	Canon Kabushiki Kaisha	
Street Address:	3-30-2, Shimomaruko, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11559997

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ATTORNEY DOCKET NUMBER: 26103.043

NAME OF SUBMITTER: John J. Torrente

Total Attachments: 4

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> PATENT REEL: 018521 FRAME: 0438

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Docket No.: 26103.043 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) RECORDATION FORM COVER SHEET (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) PATENTS ONLY P08A/REV03 Tab settings → → To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Hidevuki Hamano Name: Canon Kabushiki Kaisha Address: 3-30-2, Shimomaruko, Ohta-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger City: Tokyo State/Prov.: _ ☐ Security Agreement ☐ Change of Name Country: Japan ☐ Other Execution Date: November 14, 2006 ⊠ No ☐ Yes Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: November 14, 2006 Patent Application No. Filing date B. Patent No.(s) ☐ Yes ☒ No Additional numbers 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: John J. Torrente 7. Total fee (37 CFR 3.41):....\$ 40.00 Enclosed - Any excess or insufficiency should be 26,359 Registration No. credited or debited to deposit account Address: Cowan, Liebowitz & Latman, P.C. ☐ Authorized to be charged to deposit account 1133 Avenue of the Americas 8. Deposit account number: 03-3415 City: New York _____ State/Prov.: NY (Attach duplicate copy of this page if paying by deposit account) ZIP: 10036-6799 Country: USA DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John J. Torrente (Reg. No. 26,359)

Name of Person Signing

8ignature Total number of pages including cover sheet, attachments, and document: November 15, 2006

Date

Docket No.: 26103.043 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) RECORDATION FORM COVER SHEET (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) PATENTS ONLY P08A/REV03 Tab settings → → To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Hidevuki Hamano Name: Canon Kabushiki Kaisha Address: 3-30-2, Shimomaruko, Ohta-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger City: Tokyo State/Prov.: ☐ Security Agreement ☐ Change of Name ZIP: Country: Japan □ Other Execution Date: November 14, 2006 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: November 14, 2006 Patent Application No. Filing date B. Patent No.(s) ☐ Yes ☒ No Additional numbers 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: John J. Torrente 7. Total fee (37 CFR 3.41):....\$ 40.00 ☒ Enclosed - Any excess or insufficiency should be 26,359 Registration No. credited or debited to deposit account Address: Cowan, Liebowitz & Latman, P.C. ☐ Authorized to be charged to deposit account 1133 Avenue of the Americas 8. Deposit account number: 03-3415 City: New York State/Prov.: NY (Attach duplicate copy of this page if paying by deposit account) ZIP: 10036-6799 Country: USA DO NOT USE THIS SPACE

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John J. Torrente (Reg. No. 26,359)

Name of Person Signing

Signature Signature

November 15, 2006

Date

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

SOLE (BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, I HIDEYUKI HAMANO

citizen of Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

FOCUS DETECTION APPARATUS AND IMAGE-PICKUP APPARATUS INCLUDING THE SAME

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by me in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

Hideroki Hamano Date: November 14, 2006

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RECORDED: 11/15/2006