PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY DATA							
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Takashi Matsui				11/21/2012			
RECEIVING PARTY DATA							
Name:	Canon Kabushiki Kaisha						
Street Address:	30-2, Shimomaruko 3-Chome, Ohta-ku						
City:	Токуо						
State/Country:	JAPAN						
Postal Code:	146-8501						
PROPERTY NUMBERS Total: 1							
Property Ty	ре		Number				
Application Number: 13707		137074					
CORRESPONDENCE DATA							
Fax Number: 9499323577							
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.							
Phone: +81-3-5732-8698							
Email: Correspondent Name:	Email: prj-epas@list.canon.co.jp Correspondent Name: Canon Kabushiki Kaisha						
Address Line 1:							
Address Line 4: Tokyo, JAPAN 146-8501							
ATTORNEY DOCKET NUMBER:			10117891US01				
NAME OF SUBMITTER:			Kumi Kato				
Signature:			/Kumi Kato/				
Date:			04/22/2013				
Total Attachments: 2 source=10117891US01a#page1.tif source=10117891US01a#page2.tif							

10117891US01

ASSIGNMENT

FOR VALUE RECEIVED, 1/WE

Takashi Matsui	

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

a corporation of **Japan**

having a place of business at 30-2, Shinomaruko 3-chome, 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

IMAGE PICKUP APPARATUS, METHOD FOR CONTROLLING THE SAME, AND PROGRAM FOR OBTAINING POSITION INFORMATION AND DIRECTION INFORMATION

and described in an application for Letters Patent of the United States executed by me/us, and

filed on as United States Application No. 🗰

as PCT International Application No.

and 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/we hereby authorize and respect the Countrissioner 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/we authorize and empower the said Assignee or numinees 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/us.

AND L/we 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 Assignce or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as anended, or by any convention which may henceforth be substituted for it.

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AND L/se hereby coursent then 1/se have the full right to cance the outre right, title and interest berdin, assigned and that 1/se have not executed and will not essente my approach in conflict breadth.

AND Loss herein covenant and agree that Loss will commutente to said Assigner or mainees all facts known to us/us pertaining to said inventions, and testify in all legal proceedings, sign all lamful papers, execute all divisional, continuing and retease applications, asks all rightful withs and inclarations and in general perform all lawful acts necessary or proper to and said Assigner or contexes in disaining, maintaining, and colorcing all lawful patent or other grants of perform of said inventions in any and all countries and regions.

b <u>: Jahnsh Matawi</u> Takashi Matsui	Dute:	november	<u>21. **62</u>
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