

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Ikuo WATANABE	04/01/2011
Masahiko IGAKI	04/01/2011
Chihiro NAGURA	04/04/2011
Hiraku KOZUKA	03/31/2011
Satoru HAMASAKI	03/29/2011
Makoto OGURA	03/29/2011
Tsutomu NAGAO	03/25/2011
Yasuji YOKOYAMA	03/25/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	Canon Kabushiki Kaisha
<b>Street Address:</b>	30-2, Shimomaruko 3-chome, Ohta-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	146-8501

<b>Name:</b>	CANON PRECISION INC.
<b>Street Address:</b>	4-1, Seinobukuro 5-chome
<b>City:</b>	Hirosaki-shi, Aomori-ken
<b>State/Country:</b>	JAPAN

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13050471

**CORRESPONDENCE DATA**

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**501517147**

**PATENT**  
**REEL: 026206 FRAME: 0356**

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CANO-1599

NAME OF SUBMITTER:

Michelle Morgan

Total Attachments: 2

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*ASSIGNMENT*

FOR VALUE RECEIVED, WE **Ikuo Watanabe, Masahiko Igaki,  
Chihiro Nagura, Hiraku Kozuka, Satoru Hamasaki, Makoto Ogura,  
Tsutomu Nagao and Yasuji Yokoyama**  
citizens of **Japan**

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**  
a corporation of **Japan**  
having a place of business at **30-2, Shimomaruko 3chome, Ohta-ku, Tokyo, Japan**  
its successors, assigns and legal representatives

and unto **CANON PRECISION INC.**  
a corporation of **Japan**  
having a place of business at **4-1, Seinobukuro 5-chome, Hirosaki-shi, Aomori-ken,  
Japan,**

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

**A ROTARY ENCODER AND METHOD OF ASSEMBLING THE SAME**

and described in an application for Letters Patent of the United States executed by us, and filed on **March 17, 2011 as Application No. 13/050,471**, 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 we 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 Assignees or to such nominees as they may designate.

AND we authorize and empower the said Assignees or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by 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 us.

AND 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 Assignees 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.

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

AND we hereby covenant and agree that we will communicate to said Assignees or nominees all facts known to us 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 Assignees 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.

By: Ikuo Watanabe Date: April 1, 2011  
Ikuo Watanabe

By: Masahiko Igaki Date: April 1, 2011  
Masahiko Igaki

By: Chihiro Nagura Date: April 4, 2011  
Chihiro Nagura

By: Hiraku Kozuka Date: March 31, 2011  
Hiraku Kozuka

By: Satoru Hamasaki Date: March 29, 2011  
Satoru Hamasaki

By: Makoto Ogura Date: March 29, 2011  
Makoto Ogura

By: Tsutomu Nagao Date: March 25, 2011  
Tsutomu Nagao

By: Yasuji Yokoyama Date: March 25, 2011  
Yasuji Yokoyama