503536388 10/22/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3583015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOHEI HAMADE	08/03/2015
SHOJI SHIBA	08/03/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14824527

CORRESPONDENCE DATA

Fax Number: (949)932-3577

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.

Phone: +81-3-5732-8698

Email: prj-epas@list.canon.co.jp
Correspondent Name: CANON KABUSHIKI KAISHA

Address Line 1: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU

Address Line 4: TOKYO, JAPAN 146-8501

ATTORNEY DOCKET NUMBER: 10148336US01		
NAME OF SUBMITTER:	KOZUE TANO	
SIGNATURE:	/Kozue Tano/	
DATE SIGNED:	10/22/2015	

Total Attachments: 2

source=10148336US01Assignment#page1.tif source=10148336US01Assignment#page2.tif

PATENT 503536388 REEL: 036861 FRAME: 0775

ASSIGNMENT

Yohei Hamade	Shoji Shiba

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA a corporation of Japan

having a place of business at 30-2, Shimomaruko 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

METHOD FOR FORMING PATTERN HAVING HOLLOW STRUCTURE

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

filed on

as United States Application No.

Œ

as PCT International Application No.

FOR VALUE RECEIVED, I/WE

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 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 maninees as it may designate.

AND I/we authorize and exposes 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 beneeforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me/us.

AND I/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 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 benceforth be substituted for it.

Page 1 of 2

PATENT REEL: 036861 FRAME: 0776

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

AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nominees all facts known to me/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 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.

By: Yoki Hanade Yohei Hamade	pate: <u>August 03, 25/5</u>
By: Mila Shoji/Shiba	Date: <u>August 03, 2015</u>
39° <u>. </u>	Date:
W	Pate:
<u> </u>	Date;
By:	l'ate:
By %	Date:
Py:	Pate:
	Pate:
	Date:

Page 2 of 2

PATENT REEL: 036861 FRAME: 0777

RECORDED: 10/22/2015