

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Satoshi Ibe</td><td>09/09/2011</td></tr><tr><td>Hiroto Komiyama</td><td>09/09/2011</td></tr><tr><td>Toshiaki Kurosu</td><td>09/12/2011</td></tr><tr><td>Kouji Hasegawa</td><td>09/09/2011</td></tr><tr><td>Koji Sasaki</td><td>09/09/2011</td></tr></tbody></table>	Name	Execution Date	Satoshi Ibe	09/09/2011	Hiroto Komiyama	09/09/2011	Toshiaki Kurosu	09/12/2011	Kouji Hasegawa	09/09/2011	Koji Sasaki	09/09/2011	
Name	Execution Date												
Satoshi Ibe	09/09/2011												
Hiroto Komiyama	09/09/2011												
Toshiaki Kurosu	09/12/2011												
Kouji Hasegawa	09/09/2011												
Koji Sasaki	09/09/2011												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13233875</td></tr></tbody></table>	Property Type	Number	Application Number:	13233875									
Property Type	Number												
Application Number:	13233875												
CORRESPONDENCE DATA													
Fax Number:	(949)932-3577												
Phone:	+81-3-5732-8698												
Email:	prj-epas@list.canon.co.jp												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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:	10080681US01												
NAME OF SUBMITTER:	Chiaki Suzuki												
Total Attachments: 2 source=10080681US01Assignment#page1.tif source=10080681US01Assignment#page2.tif													

CH \$40.00 13233875

501743214

PATENT
REEL: 027325 FRAME: 0160

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Satoshi IbeHiroto KomiyamaToshiaki KurosuKouji HasegawaKoji Sasakicitizens 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 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

LIQUID DISCHARGE HEAD AND MANUFACTURING METHOD OF THE SAME

and described in an application for Letters Patent of the United States executed by me/us, and
 filed on _____ as United States Application No. _____ or
 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 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/we 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/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 henceforth be substituted for it.

AND I/we hereby covenant that I/we have the full right to convey the entire right, title and interest herein 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: Satoshi Ibe
Satoshi Ibe

Date: September 9, 2011

By: Hiroto Komiyama
Hiroto Komiyama

Date: September 9, 2011

By: Toshiaki Kurosu
Toshiaki Kurosu

Date: September 12, 2011

By: Kouji Hasegawa
Kouji Hasegawa

Date: September 9, 2011

By: Koji Sasaki
Koji Sasaki

Date: September 9, 2011

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____