

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroto Komiyama</td> <td>08/27/2008</td> </tr> <tr> <td>Hirokazu Komuro</td> <td>09/01/2008</td> </tr> <tr> <td>Satoshi Ibe</td> <td>08/28/2008</td> </tr> <tr> <td>Takuya Hatsui</td> <td>08/27/2008</td> </tr> <tr> <td>Keisuke Kishimoto</td> <td>08/27/2008</td> </tr> <tr> <td>Kazuhiro Asai</td> <td>08/28/2008</td> </tr> <tr> <td>Shimpei Otaka</td> <td>08/27/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hiroto Komiyama	08/27/2008	Hirokazu Komuro	09/01/2008	Satoshi Ibe	08/28/2008	Takuya Hatsui	08/27/2008	Keisuke Kishimoto	08/27/2008	Kazuhiro Asai	08/28/2008	Shimpei Otaka	08/27/2008
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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																	
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CORRESPONDENCE DATA																	
Fax Number:	(949)932-3560																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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:	10057747US01																

CH \$40.00 12203651

NAME OF SUBMITTER:

Marina Takamura

Total Attachments: 2

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ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Hiroto KomiyamaHirokazu KomuroSatoshi IbeTakuya HatsuiKeisuke KishimotoKazuhiro AsaiShimpei Otakacitizens 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

METHOD OF MANUFACTURING SUBSTRATE FOR LIQUID DISCHARGE HEAD

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: Hiroto Komiyama
Hiroto Komiyama

Date: August 27, 2008

By: Hirokazu Komuro
Hirokazu Komuro

Date: September 1, 2008

By: Satoshi Ibe
Satoshi Ibe

Date: August 28, 2008

By: Takuya Hatsui
Takuya Hatsui

Date: August 27, 2008

By: Keisuke Kishimoto
Keisuke Kishimoto

Date: August 27, 2008

By: Kazuhiro Asai
Kazuhiro Asai

Date: August 28, 2008

By: Shimpei Otaka
Shimpei Otaka

Date: August 27, 2008

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____