

PATENT ASSIGNMENT

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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>Haruo Uchida</td><td>02/10/2010</td></tr><tr><td>Yasuhiko Ikeda</td><td>02/12/2010</td></tr><tr><td>Hiroyuki Saito</td><td>02/10/2010</td></tr><tr><td>Kenji Shigeno</td><td>02/15/2010</td></tr><tr><td>Koichiro Kawaguchi</td><td>02/12/2010</td></tr><tr><td>Takaaki Ishida</td><td>02/15/2010</td></tr></tbody></table>	Name	Execution Date	Haruo Uchida	02/10/2010	Yasuhiko Ikeda	02/12/2010	Hiroyuki Saito	02/10/2010	Kenji Shigeno	02/15/2010	Koichiro Kawaguchi	02/12/2010	Takaaki Ishida	02/15/2010	
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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															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12675275</td></tr></tbody></table>	Property Type	Number	Application Number:	12675275											
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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>															
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ATTORNEY DOCKET NUMBER:	10059217WOUS01														
NAME OF SUBMITTER:	Saki Ishihara														

CH \$40.00 12675275

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PATENT
REEL: 024156 FRAME: 0170

Total Attachments: 2

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ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Haruo UchidaYasuhiko IkedaHiroyuki SaitoKenji ShigenoKoichiro KawaguchiTakaaki Ishidacitizens 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

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and described in an application for Letters Patent of the United States executed by me/us, and
 filed on **April 30, 2009** as United States Application No. _____ or
 as PCT International Application No. **PCT/JP2009/058797** ,

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: Haruo Uchida
Haruo Uchida

Date: February 10, 2010

By: Yasuhiko Ikeda
Yasuhiko Ikeda

Date: February 12, 2010

By: Hiroyuki Saito
Hiroyuki Saito

Date: February 10, 2010

By: Kenji Shigeno
Kenji Shigeno

Date: February 15, 2010

By: Koichiro Kawaguchi
Koichiro Kawaguchi

Date: February 12, 2010

By: Takaaki Ishida
Takaaki Ishida

Date: February 15, 2010

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____