PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masashi Yamaguchi	01/31/2012
Yoshitomo Oota	01/31/2012
Hiroshi Ito	01/31/2012
Minoru Sashida	01/31/2012
Kazuaki Sakuta	01/31/2012
Yasushi Fujii	01/30/2012

RECEIVING PARTY DATA

Name:	Canon Denshi Kabushiki Kaisha	
Street Address:	1248, Shimokagemori	
City:	Chichibu-shi, Saitama-ken	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29412570

CORRESPONDENCE DATA

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Correspondent Name: Anthony M. Zupcic

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ATTORNEY DOCKET NUMBER:	02922.011009.
NAME OF SUBMITTER:	Anthony M. Zupcic

Total Attachments: 2

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PATENT

REEL: 027655 FRAME: 0004

ASSIGNMENT

FOR VALUE RECEIVED, WE

Masashi YAMAGUCHI, Yoshitomo OOTA, Hiroshi ITO, Minoru SASHIDA, Kazuaki SAKUTA, and Yasushi FUJII

citizens of Japan

hereby sell, assign, transfer and convey unto CANON DENSHI KABUSHIKI KAISHA

a corporation of Japan

having a place of business at

1248, Shimokagemori, Chichibu-shi, Saitama-ken, 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

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by each of us 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 Patents or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patents or other grants of protection for said inventions filed by it or them, and the 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 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 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 a 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 Assignee 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 Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection for said inventions in any and all countries and regions.

By: Masashi Yamaguchi

Masashi YAMAGUCHI

Date: gan, 3/. 2012

Page 1 of 2

By:	Joshitomo Ocota Yoshitomo OOTA	Date: Jan . 31. 2012
	Yoshitomo OOTA	
Ву:	Hiroshi Sto	Date: Jan . 31. 2012
	Hiroshi ITO	
By:	Mimore Sashida	Date: Jan. 31, 2012
	Minoru SASHIDA	
Ву:	Lazuak/ Salenta	Date: Jan, 30, 20/2
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By:	Great Juji	Date: January 30, 2012
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Page 2 of 2

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RECORDED: 02/06/2012