

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRONOBU IWAWAKI	07/20/2006
SHINJIRO OKADA	07/25/2006
TAKAO TAKIGUCHI	07/25/2006
SATOSHI IGAWA	07/21/2006
MASASHI HASHIMOTO	07/21/2006
JUN KAMATANI	07/21/2006
KENGO KISHINO	07/24/2006
MINAKO NAKASU	07/24/2006
RYOTA OOISHI	07/24/2006

RECEIVING PARTY DATA

Name:	CANON KABUSHIKI KAISHA
Street Address:	3-30-2, SHIMOMARUKO, OHTA-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11570191

CORRESPONDENCE DATA

Fax Number: (212)218-2200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: psaxon@fchs.com

Correspondent Name: FITZPATRICK, CELLA, HARPER & SCINTO

Address Line 1: 30 ROCKEFELLER PLAZA

Address Line 4: NEW YORK, NEW YORK 10112

ATTORNEY DOCKET NUMBER: 03500.108890

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PATENT

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REEL: 018598 FRAME: 0470

NAME OF SUBMITTER:

PETER SAXON

Total Attachments: 2

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JOINT
(BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE **Hironobu Iwawaki, Shinjiro Okada, Takao Takiguchi, Satoshi Igawa, Masashi Hashimoto, Jun Kamatani, Kengo Kishino, Minako Nakasu and Ryota Ooishi**

citizens of **Japan**

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

a corporation of **Japan**

having a place of business at **3-30-2, Shimomaruko, 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

LIGHT-EMITTING DEVICE

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively, 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 Patent 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 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 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 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 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 of said inventions in any and all countries and regions.

By: Hironobu Iwawaki
Hironobu Iwawaki

Date: July 20, 2006

By: Shinjiro Okada
Shinjiro Okada

Date: July 25, 2006

By: Takao Takiguchi
Takao Takiguchi

Date: July 25, 2006

By: Satoshi Igawa
Satoshi Igawa

Date: July 21, 2006

By: Masashi Hashimoto
Masashi Hashimoto

Date: July 21, 2006

By: Jun Kamatani
Jun Kamatani

Date: July 21, 2006

By: Kengo Kishino
Kengo Kishino

Date: July 24, 2006

By: Minako Nakasu
Minako Nakasu

Date: July 24, 2006

By: Ryota Ooishi
Ryota Ooishi

Date: July 24, 2006