

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Koichi Sentoku</td><td>07/05/2006</td></tr><tr><td>Gaku Takahashi</td><td>07/05/2006</td></tr><tr><td>Hideki INA</td><td>07/05/2006</td></tr><tr><td>Yoshinori Miwa</td><td>07/05/2006</td></tr></tbody></table>	Name	Execution Date	Koichi Sentoku	07/05/2006	Gaku Takahashi	07/05/2006	Hideki INA	07/05/2006	Yoshinori Miwa	07/05/2006	
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<table border="1"><tr><td>Name:</td><td>Canon Kabushiki Kaisha</td></tr><tr><td>Street Address:</td><td>3-30-2, Shimomaruko, Ohta-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>146 8501</td></tr></table>	Name:	Canon Kabushiki Kaisha	Street Address:	3-30-2, Shimomaruko, Ohta-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	146 8501	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (212)415-8701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Total Attachments: 2 source=1232-5922assignment#page1.tif											

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PATENT
REEL: 017890 FRAME: 0458

10022044US01

JOINT
(BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE **KOICHI SENTOKU, GAKU TAKAHASHI,
HIDEKI INA and YOSHINORI MIWA**

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

IMAGING OPTICAL SYSTEM AND EXPOSURE APPARATUS

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.

10022044US01

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: ^{K.S.} ~~Sento~~ Koichi Sentoku
KOICHI SENTOKU

Date: July 5, 2006

By: Gaku Takahashi
GAKU TAKAHASHI

Date: July 5, 2006

By: Hideki Ina
HIDEKI INA

Date: July 5, 2006

By: Yoshinori Miwa
YOSHINORI MIWA

Date: July 5, 2006