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Form-PTO-1595 1-31-92	94-05 TRANSMI	03-29-	2005	ATION Atty. Docket: 00684.103826
To the Dire	ector, U.S. Patent and Trac			iginal documents or copy thereof.
Name of convey		102968	3985	s of receiving party(ies):
Hikaru OSADA, Kouichi OKUDA, Yasushi SHIMIZU, Yasunori CHIGONO, Kenya OGAWA, Shuji MORIYA & Kazunari HAGIWARA Additional name(s) of conveying party(ies) attached? Yes x No			Name: <u>Canon Ka</u> Foreign Address:	3-30-2, Shimomrauko, Ohta-ku, Tokyo, Japan
x Assignment Security Agr	Nature of conveyance: X Assignment		Domestic Address PADEMER	
Execution Date: February 24, 2005			City:	State ZIP
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 Application number(s) or patent number(s): 11/011,119 If this document is being filed together with a new application, t A. Patent Application Number: 11/011,119 Filing Date: December 15, 2004 			B. Title of Ir	••
Additional numbers attached? Yes X No				
Name and address of party to whom correspondence concerning document should be mailed:			6. Number of ap	plications and patents involved:
Name:	Fitzpatrick, Cella, Harper	r & Scinto		One
	30 Rockefeller Plaza		7. Total fee (37)	CFR 3.41): \$ 40.00
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To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.				
William M. Wannisky, Reg. No. 28,373 Name of Person Signing Signature March 24, 2005 Date 3/28/2005 ECDOPER 00000065 11011119 Total number of pages including cover sheet, attachments, and documents: three				

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PATENT REEL: 016394 FRAME: 0022

ASSIGNMENT

FOR VALUE RECEIVED, WE Hikaru OSADA; Kouichi OKUDA;

Yasushi SHIMIZU; Yasunori CHIGONO; Kenya OGAWA;

Shuji MORIYA; and Kazunari HAGIWARA

citizens of **Japan** residing, respectively, at

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415-31-305 Nakatogari, Nagaizumicho, Suntoh-gun, Shizuoka-ken, Japan; and

17-5-302 Kitatakashimacho, Numazu-shi, Shizuoka-ken, 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

DEVELOPING APPARATUS

and described in an application for Letters Patent of the United States executed by us, and filed on 15/DEC/2004 as Application No. 11/011,119, 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 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.

Page 1 of Page 2

PATENT REEL: 016394 FRAME: 0023

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Hikaru OSADA Date: February 24, 2005 By: Kouicki Okuda Kouichi OKUDA Date: February 24, 2005 By: Jasuchi Skimija Yasushi SHIMIZU Date: Feltmary 24 2005 By: Yasunori Chigono
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By: Memga Gawa
Kenya OGAWA Date: February 24, 2005 Date: February 24, 2005 By: Shuji Moriya
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Date: February 24. 2005

Page 2 of Page 2

RECORDED: 03/24/2005

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PATENT REEL: 016394 FRAME: 0024