May 12-5-00	05-16-200).3
Form-PTO-1595 1-31-92	TF III II III III III III	CORDATION Atty. Docket: 03503.011484
To the Director, U.S. Pat	tent 10244362	ached original documents or copy thereof.
1. Name of conveying party(ies):	(8-	Name and address of receiving party(ies):
TOMONORI MORI, HIRONO YASUFUMI YOSHINO		Name: CANON KABUSHIKI KAISHA
Additional name(s) of conveying Yes	ing party(ies) attached?	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
	1	Tokyo, Japan
3. Nature of conveyance: X Assignment Security Agreement Other	Merger Change of Name	Domestic Address:
Execution Date: November 14	. 2002	
		City: State ZIP
		Additional name(s) & address(es) attached? Yes X No
If this document is being flad		
A. Patent Application Number		the execution date of the application is: November 14, 2002
Filing Date:	л.	B. Title of Invention: DEVELOPING CARTRIDGE
	Additional numbers attached?	Yes X No
 Name and address of party to v concerning document should be 		6. Number of applications and patents involved:
Name: Fitzpatrick,	Cella, Harper & Scinto	One
30 Rockefe		7. Total fee (37 CFR 3.41): \$ 40.00
New York,	New York 10112-3801	X Enclosed Authorized to be charged to deposit account
Telephone No.: (212) 218-2	100	8. Deposit account number (for deficiency or excess)
Facsimile No.: (212) 218-2	200	06-1205 (Attach duplicate copy of this page if paying by deposit account):
06/2002 TDIAZ1 00000086 29171906		
FC:8021 40).00 QP DO NOT USE T	THIS SPACE
. Statement and signature.		
To the best of my knowledge an copy of the original document.	d belief, the foregoing information	n is true and the attached is the original document or is a true
Anthony M. Zupcic (Reg. No. 27 Name of Person Signing	Signa	December 2, 2002 Date pages including cover sheet, attachments, and documents:2

cm #122

/AIN 310743v1

PATENT REEL: 013666 FRAME: 0152

JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, TOMONORI MORI, HIRONOBU ISOBE and YASUFUMI YOSHINO

citizens of JAPAN

residing respectively at 11-2-102, Honta-machi, Numazu-shi, Shizuoka-ken, Japan; 1841-13-206, Ooka, Numazu-shi, Shizuoka-ken, Japan; and 8-12-A202, Hanazono-cho, Numazu-shi, Shizuoka-ken, Japan

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

RECORDED: 12/03/2002

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 the United States, in and to certain inventions relating to

DEVELOPING CARTRIDGE

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent 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 patent or other form of protection for said inventions, 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 legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States 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 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 protection for said inventions in the United States.

By:	Tomonori mori	Date: NOV 14. 2002
	TOMONORI MORI	
Ву:_	Mironobu Isobe	Date: Nov. 14, 2002
Ву:_	Yasufumi Yoshini	Date: Nov. 14, 2002
	YASUFUMI YOSHINO	
By:_		Date:
Ву:_		Date:
By:_		Date:

PATENT REEL: 013666 FRAME: 0153