)9-04-20	02 .	
For 1-31	m-PTO-1595 TRAI -92			ORDATION Atty. Docket: 03500.016457
	To the Director, U.S. Patent an	10221117	'n ⁵	ed original documents or copy thereof.
1.	Name of conveying party(ies):		2. Name and ad	ddress of receiving party(ies):
	ATSUSHI KANDORI MASAO MAJIMA			KABUSHIKI KAISHA
	Additional name(s) of conveying party(ies) attack Yes No	hed? 18-J9-II	Foreign Address	s: 30-2, Shimomaruko 3-chome, Ohta-ku Tokyo, Japan
3.	Nature of conveyance: X Assignment		Domestic Addre	ess:
	Execution Date: June 26, 2002		City:	State ZIP
			Additional name	e(s) & address(es) attached? Yes X No
	A. Patent Application Number: 10/157,971 Filing Date: May 31, 2002 Additional number: 10/157,971	pers attached?	B. Title of B. Yes	Invention: TWO-DIMENSIONAL OPTICAL SCANNER AND METHOD OF DRIVING THE SAME X No
5.	ame and address of party to whom correspondence oncerning document should be mailed:		6. Number of a	applications and patents involved:
			One	
	Name: Fitzpatrick, Cella, Harper &	Scinto	7. Total fee (3	7 CFR 3.41): \$
	30 Rockefeller Plaza New York, New York 1011	2-3801		zed to be charged to deposit account
	Telephone No.: (212) 218-2100		8. Deposit acc	ount number (for deficiency or excess)
	Facsimile No.: (212) 218-2200		(Attach dupl	icate copy of this page if paying by deposit account):
1	er Barnellande (n. 1923) 1988 - Handellande (n. 1924) 1988 - Handellande (n. 1924)	DO NOT USE	THIS SPACE	
9.	Statement and signature.			
	To the best of my knowledge and belief, the for copy of the original document.	egoing informati	on is true and the	August 28, 2002
_	John A. Krause, Reg. No. 24,613	Sig	nature	Date
	Name of Person Signing	Total number (of pages including	cover sheet, attachments, and documents:

Form #122

PATENT REEL: 013239 FRAME: 0160

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Atsushi Kandori and Masao Majima

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

RECORDED: 08/29/2002

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

TWO-DIMENTIONAL OPTICAL SCANNER AND METHOD OF DRIVING THE SAME

and described in an application for Letters Patent of the United States filed by us on May 31, 2002 and which has been accorded Application No. 10/157, 971

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 of 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 filed by it or them, the benefit of the right or 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 Assignce 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 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: Atsushi Kandori Atsushi Kandori	
By:Masao Majima	June 26, 2002
By:	Date:
Ву:	Date:
By:	Date:

PATENT REEL: 013239 FRAME: 0161