	OIPE JOY			(O	
	m-PTO-1595 1-92 SFP 1 1 2002 FRANS	09-17-2	002	RDATION Atty. Docket: 03500.016509	
1-5.	To the Director, U.S. Reent and			original documents or copy thereof.	
1.	Name of conveying party (s):	1022233	344	ress of receiving party(ies):	
HIROSHI ECHIZEN, YASUYOSHI TAKAI, and AKIYA NAKAYAMA 9.//.02				KABUSHIKI KAISHA	
	9.7	1.02			
	Additional name(s) of conveying party(ies) a Yes X No	ittached?	Foreign Address	s: 30-2, Shimomaruko 3-chome, Ohta-ku	
	Natura Samura			Tokyo, Japan	
3.	Nature of conveyance: X Assignment	of Name	Domestic Addre	ess:	
	Execution Date: August 7, 2002, August 5, 2	2002, and			
Aug	gust 5, 2002		City:	State ZIP	
			Additional name	e(s) & address(es) attached? \square Yes \boxed{X} No	
4.	Application number(s) or patent number(s):		Additional hame	(s) to address(es) attached:	
	If this document is being filed together with				
	A. Patent Application Number: 10/183,339 Filing Date: June 28, 2002		B. Title of I	Invention: SPUTTERING METHOD	
	1 ming Date. June 26, 2002		LONG-TERM	or or realist we meet to be	
		Į.			
	Additional n	umbers attached?	Yes	X No	
5.	Name and address of party to whom correspondenting document should be mailed:	ondence	6. Number of a	applications and patents involved:	
	Name: Fitzpatrick, Cella, Harpe	r & Scinto		One	
	30 Rockefeller Plaza	ļ	7. Total fee (37	7 CFR 3.41): \$ 40.00	
		110 2001	X Enclosed		
	New York, New York 10	1112-3801		ed to be charged to deposit account ount number (for deficiency or excess)	
	Telephone No.: (212) 218-2100		6. Deposit acce	,	
	Facsimile No.: (212) 218-2200		(Attach duplie	06-1205 cate copy of this page if paying by deposit account):	
9/16/2002 ANNED1 00000071 10183339					
1 FC:	581 40.00 OP	DO NOT USE	THIS SPACE		
9.	Statement and signature.				
_	To the best of my knowledge and belief, the	/ foregoing informatio	n is true and the a	attached is the original document or is a true	
	copy of the original document.		۸		
\mathcal{N}					
Pete	er Saxon	September 10, 2002			
	Name of Person Signing	Signa Total number of		Date over sheet, attachments, and documents: 2	
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Form #122 NY_MAIN 289302 v 1

PATENT REEL: 013281 FRAME: 0931

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Hiroshi Echizen, Yasuyoshi Takai and Akiya Nakayama

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 the United States, in and to certain inventions relating to

LONG-TERM SPUTTERING METHOD

and described in an application for Letters Patent of the United States filed by us on June~28, 2002 and which has been accorded Application No. 10/183, 339

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: Hiroshi Echiz	Echizen	Date: August 7, 2002
Hiroshi Echiz	zen	V
By: Yasuyoshi Tak	Jakar	Date: August 5, 2002
Yasuyoshi Tak	cai	,
By: Akiya has Akiya Nakayan	hayama	Date: august & Local
Akiya Nakayan	na /	~
By:		Date:

By:		Date:

PATENT REEL: 013281 FRAME: 0932