10-91-1





Form-PTO-1595 1-31-92	TRANSMITTAL OF DOC P <u>ATENA</u> S	101595944 Atty. Docket: 862.C2032
To the Assistant Commissioner for Patents: Dease record the attached original documents or copy thereof.		
1. Name of conveying pa	rty(ies):	Name and address of receiving party(ies):
HIROSHI TSUJI, MITSUR YASUHIRO SOMEDA and		Name: CANON KABUSHIKI KAISHA and HITACHI, LTD.
Additional name(s) of	conveying party(ies) attached?	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
Yes	X No	Tokyo, Japan and 6, Kanda Surugadai 4-chome, Chiyoda-ku,
3. Nature of conveyance:		Tokyo 101-8010, Japan respectively
X Assignment Security Agreemen Other		Domestic Address:
		City: State ZIP
Execution Date: 11/24/00, 11/21/00, 11/24/00, 12/3/00 and 11/28/00 respectively		Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application	B. Title of Invention: ELECTRON BEAM	
<u> </u>		LITHOGRAPHY APPARATUS
Filing Date: October 19, 2000		
	Additional numbers attached?	Yes X No
5. Name and address of p concerning document s	party to whom correspondence should be mailed:	6. Number of applications and patents involved:
Name: Fit:	zpatrick, Cella, Harper & Scinto	One
	Rockefeller Plaza	7. Total fee (37 CFR 3.41): \$ 40.00
Ne	w York, New York 10112-3801	X Enclosed Authorized to be charged to deposit account
Telephone No.:(21	2) 218-2100	8. Deposit account number (for deficiency or excess)
Facsimile No.: (21	2) 218-2200	06-1205
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9. Statement and signature.		
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.		
38,586		
Joseph W. RagusaDept. W. RagusaJanuary 17, 2001Name of Person SigningSignatureDate		
Total number of pages including cover sheet, attachments, and documents: 3		

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PATENT REEL: 011452 FRAME: 0093

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Hiroshi TSUJI, Mitsuru INOUE, Norio SAITOU, Yasuhiro SOMEDA and Yoshimasa FUKUSHIMA

citizens of Japan

residing respectively at

Kokubunji, Japan; Tochigi, Japan; Tokorozawa, Japan; Fuchu, Japan; and Hitachinaka, Japan

hereby sell, assign, transfer and convey unto

- (1) Canon Kabushiki Kaisha
- (2) Hitachi, Ltd.

a corporation of Japan having a place of business at

- (1) 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan
- (2) 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, 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

ELECTRON BEAM LITHOGRAPHY APPARATUS

and described in an application for Letters Patent of the United States filed by us on October 19, 2000 and which has been accorded Application No. 09/691, 234 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 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 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.

PATENT REEL: 011452 FRAME: 0094 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: Hiroshi Tsuji

By: Morin Date: November 24, 2000

Mitsuru INOUE

By: Morin Saiton

Norio SAITOU

By: Yandina Smeda

Yasuhiro SOMEDA

By: Yoshimasa FUKUSHIMA

Date: November 24, 2000

Date: Locambre 3, 2000

Yoshimasa FUKUSHIMA

RECORDED: 01/18/2001

PATENT REEL: 011452 FRAME: 0095