10-19-2001 Form-PTO-1595 TRA] ORDATION 1-31-92 Atty. Docket: 35.G2920 To the Director, U.S. Patent and hed original documents or copy thereof. 101879387 Name of conveying party(ies): 2. Ivaine and address of receiving party(ies): Hiroshi Echizen and Name: CANON KABUSHIKI KAISHA Toshihiro Yamashita Additional name(s) of conveying party(ies) attached? ☐ Yes X No Foreign Address: 3-30-2, Shimomaruko, Ohta-ku Tokyo, Japan Nature of conveyance: X Assignment Merger Change of Name Security Agreement Domestic Address: Other ____ Execution Date: October 2, 2001 and October 3, 2001 City: ______ State ____ ZIP ____ Additional name(s) & address(es) attached? Yes X No 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: October 2, 2001 and October 3, 2001 A. Patent Application Number: B. Title of Invention: Filing Date: SPUTTERING METHOD FOR FORMING FILM AND APPARATUS THEREFOR Yes X No Additional numbers attached? Name and address of party to whom correspondence 6. Number of applications and patents involved: concerning document should be mailed: One Name: Fitzpatrick, Cella, Harper & Scinto 40.00 7. Total fee (37 CFR 3.41): . . . \$ 30 Rockefeller Plaza X Enclosed New York, New York 10112-3801 Authorized to be charged to deposit account 8. Deposit account number (for deficiency or excess) Telephone No.: (212) 218-2100 06-1205 Facsimile No.: (212) 218-2200 (Attach duplicate copy of this page if paying by deposit account): b/17/2001 GTON11 00000077 09973713 DO NOT USE THIS SPACE 1 FC:581 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. True G Laura A. Bauer October 10, 2001 Name of Person Signing

> PATENT REEL: 012251 FRAME: 0117

Total number of pages including cover sheet, attachments, and documents: 2

JOINT

(BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Hiroshi Echizen and Toshihiro Yamashita

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

SPUTTERING METHOD FOR FORMING FILM AND APPARATUS THEREFOR

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 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 Echizen Hiroshi Echizen	Date: October 2, 2001
Hiroshi Echizen By: Joshihiro Yamashita Toshihiro Yamashita	Date: October 3, 200/
Ву:	Date:

PATENT REEL: 012251 FRAME: 0118

RECORDED: 10/11/2001