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ATION Atty. Docket: 684.3170 original documents or copy thereof.

101780778

To the Director, U.S. Patent and Trademark Office

1. Name of conveying party(ies): Kenichiro MORI Additional name(s) of conveying party(ies) attached? [] Yes [X] No

7.10.01

2. Name and address of receiving party(ies): Name: CANON KABUSHIKI KAISHA Foreign Address: 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

3. Nature of conveyance: [X] Assignment [] Security Agreement [] Other [] Merger [] Change of Name Execution Date: June 19, 2001

Domestic Address: City: State ZIP 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 Number: 09/823,973 Filing Date: April 3, 2001

B. Title of Invention: ILLUMINATION OPTICAL SYSTEM FOR USE IN PROJECTION EXPOSURE APPARATUS Additional numbers attached? [] Yes [X] No

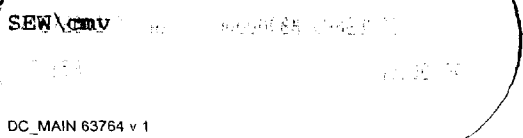
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza New York, New York 10112-3801 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200

6. Number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number (for deficiency or excess): 06-1205 (Attach duplicate copy of this page if paying by deposit account):

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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. Steven E. Warner - Reg. No. 33,326 Name of Person Signing [Signature] Signature July 10, 2001 Date

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



Assignment

FOR VALUE RECEIVED

Kenichiro MORI

citizen(s) of Japan

residing at (respectively)

296-1-2-102 Hiramatsuhoncho, Utsunomiya-shi, Tochigi-ken, Japan

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

ILLUMINATION OPTICAL SYSTEM FOR USE IN PROJECTION EXPOSURE APPARATUS

 and described in an application for Letters Patent of the United States filed on 3/APR/2001 as Application No. 09/823,973
 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 I 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 I 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 me.

 AND I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assign-
 ment, 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 hence-
 forth be substituted for it.

 AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and
 that I have not executed and will not execute any agreement in conflict herewith.

 AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertain-
 ing 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: Kenichiro Mori
 Kenichiro MORI

 Date: June 19, 2001

By: _____

Date: _____

By: _____

Date: _____