| MRD 12-30-99  |                                    |  | D                                     |
|---|------------------------------------|--|---------------------------------------|
| Form-PTO-1595   | 01 -28 -2000                       | RECORDATION  | <del></del>                           |
| 1-31-92   |                                    | · · · · · · · · · · · · · · · · · · ·                                  | Atty. Docket: 684.2912                |
| To the Commissioner of  |                                    | ttached original docume  | · · · · · · · · · · · · · · · · · · · |
| 1. Name of conveying party(ies):  | 101250733                          | and address of receiving   | g party(ies):                         |
| Akiyoshi SUZUKI Yoshiyuki SEKINE Additional name(s) of conveying pa   | rty(ies) attached?                 | me: CANON KABUSHIKI KA   |                                       |
| Yes X   |                                    | reign Address: <u>3-30-2 Shimom</u><br>okyo, Japan                     | PEJCO                                 |
| <u> </u>  | Change of Name                     | emestic Address:   | DEC 3 0 1990 E                        |
| Execution Date: December 6, 1999  | Cit                                | y: S   | tate ZIP                              |
|   | Ad                                 | ditional name(s) & address(es)   | attached? Yes X No                    |
| If this document is being filed toget A. Patent Application Number: 09, Filing Date: October 7, 1999  Addi                              | l l                                | B. Title of Invention:  ILLUMINATION OPTIC EXPOSURE APPARATU  Yes X No | AL SYSTEM AND                         |
| 5. Name and address of party to whom concerning document should be mai  |                                    | Number of applications and pa  |                                       |
| Name:Fitzpatrick, Cells   | a. Harper & Scinto                 | Olic   | ;                                     |
| 30 Rockefeller P  | 7.                                 | Total fee (37 CFR 3.41):   | \$                                    |
| New York, New   | York 10112-3801                    | <ul><li>X Enclosed</li><li>Authorized to be charged t</li></ul>        | o deposit account                     |
| Telephone No.: (212) 218-2100   | 8.                                 | Deposit account number (for d  | leficiency or excess)                 |
| Facsimile No.: (212) 218-2200   | acc                                | O6-12<br>(Attach duplicate copy of this pa<br>ount):                   |                                       |
|   | DO NOT USE THIS                    | SPACE  |                                       |
| 9. Statement and signature.  To the best of my knowledge and beit true copy of the original document.  Brian L. Klock - Reg. No. 36,570 | lief, the foregoing information is | true and the attached is the or  December 3                            |                                       |
| Name of Person Signing  | Signature                          |  | Date                                  |
| /27/2000 DNGUYEN 00000171 09414437  | Total number of page               | s including cover sheet, attachi                                       | ments, and documents: 2               |

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PATENT REEL: 010500 FRAME: 0512

## Assignment

| FOR VALUE RECEIVED |                      |  |
|--------------------|----------------------|--|
| Akiyoshi SUZUKI    | and Yoshiyuki SEKINE |  |

citizen(s) of Japan

residing at (respectively)

1-24-14 Ohokayama, Meguro-ku, Tokyo, Japan; and

100-D-102 Miyukicho, 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 AND EXPOSURE APPARATUS HAVING THE SAME

and described in an application for Letters Patent of the United States filed on 7/OCT/1999 as Application No. 09/414,437 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 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 convenant 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 convenant 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: Akiyoshi Suzuki                      | Date: Dec. 6, 1999    |
|--|-----------------------|
| <i>V</i>                                 |                       |
| By: Yoshiyuki Sekine<br>Yoshiyuki SEKINE | Date: December 6 1979 |
| Yoshiyuki SEKINE                         |                       |
| Ву:                                      | Date:                 |

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**RECORDED: 12/30/1999** 

PATENT REEL: 010500 FRAME: 0513