11-30-2000 Form-PTO-1595 RECORDATION 1-31-92 Atty. Docket: 865.4310 To the Director, U.S. Pater attached original documents or copy thereof. 101532132 1. Name of conveying party: 2. Name and address of receiving party(ies): 1) Saburo Sugawara Name: CANON KABUSHIKI KAISHA OCT 3 1 2000 Additional name(s) of conveying party(ies) attached Yes X No Capendo Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku Tokyo, Japan Nature of conveyance: X Assignment Merger Security Agreement Change of Name Domestic Address: Other ____ Execution Date: December 14, 1998 City: _____ State _ ZIP Additional name(s) & address(es) attached? Yes 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: 09/190,288 B. Title of Invention: LIGHT SOURCE APPARATUS WITH SPHERICAL OPTICAL Filing Date: November 13, 1998 ☐ 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 7. Total fee (37 CFR 3.41): . . \$ 40.00 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): DO NOT USE THIS SPACE 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. Shawn W. Fraser - Reg. No. 45,886 Name of Person Signing Date Total number of pages including cover sheet, attachments, and documents: 2

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SOLE (AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I, Saburo Sugawara a citizen of Japan residing at

3-20-14-306, Minamikase, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, 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

LIGHT SOURCE APPARATUS

and described in an application for Letters Patent of the United States filed by me on November 13, 1998 and which has been accorded Application No. 09/190, 288 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 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 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 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.

Date: December 14, 1998 By: Labwo Sugawara

Saburo Sugawara

RECORDED: 10/31/2000

PATENT REEL: 011278 FRAME: 0802