

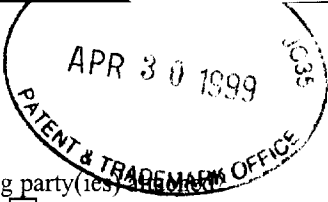


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Form-PTO-1595 1-31-92	TRANSMI  101029571	ATION Atty. Docket: 35.G2143 Original documents or copy thereof.
To the Commissioner of Patents and Trademarks		
1. Name of conveying party(ies): 1) Kanjo ORINO 2) Shigeru OSHIMA Additional name(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>CANON KABUSHIKI KAISHA</u> Foreign Address: <u>30-2, Shimomaruko 3-chome, Ohta-ku,</u> <u>Tokyo, Japan</u> Domestic Address: _____ City: _____ State _____ ZIP _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>1) and 2): May 14, 1998</u>	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: <u>(09/064,081)</u> Filing Date: <u>April 22, 1998</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Title of Invention: <u>LIGHT TRANSMITTING AND RECEIVING DEVICE HAVING OPTICAL MEMBER WITH BEAM SPLITTER</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Fitzpatrick, Cella, Harper & Scinto</u> <u>30 Rockefeller Plaza</u> <u>New York, New York 10112-3801</u> Telephone No.: <u>(212) 218-2100</u> Facsimile No.: <u>(212) 218-2200</u>	6. Number of applications and patents involved: <p style="text-align: center;">One</p> 7. Total fee (37 CFR 3.41): \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number (for deficiency or excess) <u>06-1205</u> (Attach duplicate copy of this page if paying by deposit account):	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Daniel S. Glueck, Reg. No. 37,838</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>April 30, 1999</u> Date </div> </div> <p style="text-align: center;">Total number of pages including cover sheet, attachments, and documents: 2</p>		



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JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Kanjo Orino and shigeru Oshima,

citizens of Japan

residing, respectively, at 1-13-16-902, Narimasu, Itabashi-ku, Tokyo, Japan; 3-19-12, Nishi-kawata, 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 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 TRANSMITTING AND RECEIVING DEVICE HAVING OPTICAL MEMBER WITH BEAM SPLITTER

and described in an application for Letters Patent of the United States of the United States filed by us on April 22, 1998 and which has been accorded Application No. 09/064081

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 of 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 filed by it or them, the benefit of the right or 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 or 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 divisional, continuing and reissue applications, to 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: Kanjo Orino
Kanjo Orino

Date: May 14, 1998

By: Shigeru Oshima
Shigeru Oshima

Date: May 14, 1998

By: _____

Date: _____

By: _____

Date: _____