Docket No.: 113197-004 FORM PTO-1595 (Modified) 06-11-2001 R U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1994-97 LegalStar P08/REV02 Tab settings - -101744042 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Yoshiya Isono, Tsutomu Watanabe, Makoto Ohsawa Koji Ťanaka, Ťakehisa Ide Name: Fujikura Ltd. Internal Address: Additional names(s) of conveying party(ies) ☐ Yes 🛛 No 3. Nature of conveyance: Assignment Merger Street Address: 5-1, Kiba 1-chome, Kohtoh-ku. ☐ Security Agreement ☐ Change of Name City: Tokyo, Japan _____ State: ____ ZIP: Execution Date: May 15, 2001 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/786,248 Additional numbers attached? ☐ Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael S. Leonard 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Street Address: P.O. Box 1135

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City: Chicago

9. Statement and signature.

of the original document. Michael S. Leonard

Name of Person Signing

Authorized to be charged to deposit account 8. Deposit account number: 40.00 DP/ 02-1818 State: IL ZIP: 60690 DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy June 1, 2001 Signature Total number of pages including cover sheet, attachments, and document: REEL: 011864 FRAME: 0476

ASSIGNMENT

FOR and in consideration of One Dollar (\$1.00) to us in hand paid and other valuable
considerations, the receipt and sufficiency whereof are hereby acknowledged and confessed, we, (1) Yoshiya Isono; (2) Tsutomu Watanabe; (3) Makoto Ohsawa; (4) Koji Tanaka; and
residing at All the inventors: c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki,
Sakura-shi, Chiba-ken, Japan
respectively, and citizens of Japan
hereby sell, assign, transfer and set over untoFujikura Ltd.
a corporation of Japan, having an office and place of business at
5-1, Kiba 1-chome, Kohtoh-ku, Tokyo, Japan
the entire right, title and interest in and to our inventions in OPTICAL MODULE, OPTICAL ELEMENT ATTACHMENT METHOD, AND RECEPTACLE-FITTED OPTICAL MODULE prepared by the firm of Bell, Boyd & Lloyd LLC of Chicago, Illinois, and executed of even date
herewith, said application being identified in the office records of said firm as Case No. ; and to the United States Letters Patent therefor, when issued together with all
improvements thereon and betterments thereof, all divisions, continuations and reissues thereof
and substitutions of or for said application, and all foreign rights including the right to make
application for Letters Patent for said inventions in any and all foreign countries and the right to
claim priority as to the filing date under the International Convention on the basis for the
aforesaid application for United States Letters Patent; and we hereby authorize and direct the
Commissioner of Patents to issue the patent for said inventions, when granted, in accordance
with this Assignment and sale.

For the same considerations, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning improvements or betterments of the inventions disclosed in said application, and we will cooperate at any time upon request of said assignee or its assigns, at its or their expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; we will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns, and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

IN WITNESS WHEREOF, we have hereunto subscribed our name:

Date:May 15, 2001	Yoshiya	Isono	(SEAL)
	Yoshiya	a Isono	(02,12)
Before me personally appeared person who executed the foregoing insthereof, under his/her seal, for the use aforesaid.	strument, and ackn	owledged the	execution and delivery
Deiko Ishiyu Witness Reiko Ishizu			
Date: May 15, 2001	Tsutomu l	Vatanbe	(SEAL)
	Tsutomu	ı Watanabe	
Before me personally appeared person who executed the foregoing insthereof, under his/her seal, for the use aforesaid. **Deiko Lehin** Witness Reiko Ishizu	trument, and ackn	owledged the	execution and delivery
Date: May 15, 2001	Makoto		(SEAL)
Before me personally appeared person who executed the foregoing insthereof, under his/her seal, for the use aforesaid.		owledged the	
Reiko Ishizu Witness Reiko Ishizu			

PATENT REEL: 011864 FRAME: 0478

IN WITNESS WHEREOF, we have hereunto subscribed our name:

Date: May 15, 2001	Koji Tanaka Koji Tanaka	(SEAL)
Before me personally appeared _ person who executed the foregoing instru thereof, under his/her seal, for the uses aforesaid.		xecution and delivery
Reiko Ishizu Witness Reiko Ishizu		
Date: May 15, 2001	Tukehisa Ide	(SEAL)
Before me personally appearedperson who executed the foregoing instruthereof, under his/her seal, for the uses aforesaid.	iment, and acknowledged the ex	
Reiko Ishiyu Witness Reiko Ishizu		
Date:		(SEAL)
Before me personally appeared _ person who executed the foregoing instru- thereof, under his/her seal, for the uses aforesaid.	ument, and acknowledged the ex	own to me to be the xecution and delivery on the day and year
Witness		

RECORDED: 06/04/2001

PATENT REEL: 011864 FRAME: 0479