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Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

1.	Name of conveying party(ies):	2.	Na	ame and address of receiving party(ies):
	Yoshinori Mimura; Yukio Noda; Tetsuya Nakai; and Toshio Tani		Na	ame: KDD Corporation $\frac{1}{3} + 12 + 0.3$
:	and rosmo ram		St	reet Address:
	Additional name(s) of conveying party(ies) attached: No		3-	2, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan
	attached. 140			
3.	Name of conveyance:			
X	Assignment			
Execution Date: February 16, 2000		Additional name(s) & address(es) attached? 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 No.(s) 09/507,624	į	В.	Patent No.(s)
Additional numbers attached? No 5. Please return the recorded document and address all				
	CHRISTIE DADIZED & HAYE LAD	0.	10	tal number of applications and patents involved
	CHRISTIE, PARKER & HALE, LLP P.O. Box 7068	7	X	Total for analysis 4 (27 CER 2.41). C. 40.00
	Pasadena. CA 91109-7068	8.		Total fee enclosed (37 CFR 3.41): \$40.00
2	Attention: D. Bruce Prout	0.	la.	Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728 , except for payment of
10.	☐ Explanatory letter is enclosed.	issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Date: March 2 2000 19/2000 JSHABAZZ 00000250 09507624 FC:581 I hereby certify that this correspondence is bein deposited with the U.S. Postal Service as First Clas Mail in an envelope addressed to: Commissioner				
S	Patents and Trademarks, Washington, D.G. 2023 1998 on:	Total i		umber of pages including cover sheet, nents, and document:

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PATENT REEL: 010702 FRAME: 0862

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, (1) Yoshinori MIMURA; Yukio NODA; Tetsuya NAKAI; and Toshio TANI HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO (2) KDD Corporation ____having a place of business at (3) 3-2, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled (4) OPTICAL BEAM DIAMETER REDUCER which application was: (1) executed by the undersigned on (5a)______ (2) filed on (5b) <u>February 17, 2000</u> and assigned Application No. 09/507,624 including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents. and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements. It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee. Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers: and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein. INVENTORS **SIGNATURE** DATE Yoshinori MIMURA Yukio NODA Toshio TANI WITNESS

RECORDED: 03/02/2000

PATENT REEL: 010702 FRAME: 0863