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

			- m	
1.	Name of conveying party(ies):	2.	Name and address of receiving party(ies):	
	Hidenori Takahashi; Masashi Usami; and		Name: KDDI Submarine Cable Systems Inc.	
	Kosuke Nishimura		Street Address:	
	Additional name(s) of conveying party(ies) attached: No		7-1, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo, Japan	
3.	Name of conveyance:			
	Assignment			
Exe	ecution Date: November 27, 2001		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: November 27, 2001.			
	A. Patent Application No.(s)		B. Patent No.(s)	
Additional numbers attached?				
5.	Please return the recorded document and address all correspondence to:	6.	Total number of applications and patents involved 1	
	CHRISTIE, PARKER & HALE, LLP			
	P.O. Box 7068 Pasadena, CA 91109-7068	7.	№ Total fee enclosed (37 CFR 3.41): \$40.00	
	Attention: D. Bruce Prout	8.	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: December 26, 2001 By Lite Fluid Name: D. Bruce Prout			
/09/2	09/2002 TDIAZ1 00000241 10033616 626/795-9900			
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Ex	press Mail No. EL903022866US	To	tal number of pages including cover sheet, achments, and document:	

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PATENT REEL: 012427 FRAME: 0234

Docket No.: 45852/DBP/T360

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Hidenori Takahashi; Masashi Usami; and Kosuke Nishimura HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO KDDI Submarine Cable Systems Inc. having a place of business at 7-1, Nishishinjuku 3-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 **DISPERSION COMPENSATOR** which application was: (a) executed on (5a): even date herewith (CHRISTIE, PARKER & HALE, LLP, P.O. Box (b) filed on (5b): 7068, Pasadena, CA 91109-7068) is hereby Application No.: authorized to insert in (b) the specified data. when known. 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. **SIGNATURE** INVENTOR(S) DATE x Hidenor, Takahashi x 11/24/2001 Hidenori Takahashi Masashi Usami XKohenke Wishemuro Kosuke Nishimura WITNESSES:

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