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Docket No. 34622/DBP/T350

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Box Assignment Commissioner of Patents and Trademarks Washington, D.C. 20231 Post Office Box 7068 Pasadena, CA 91109-7068

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): Masatoshi SUZUKI; Noboru EDAGAWA; Name: KDD Corporation KDD Submarine Cable Systems Inc. Hidenori TAGA; and Shu YAMAMOTO Street Address: (both) Additional name(s) of conveying party(ies) attached: No 3-2, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan 3. Name of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: May 14, 1999; May 14, 1999; May 24, Additional name(s) & address(es) attached? No 1999; and May 14, 1999 **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: May 7, 1999; May 10, 1999; May 12, 1999; and May 10, 1999. A. Patent Application No.(s) B. Patent No.(s) 932986 Additional numbers attached? No Please return the recorded document and address all 1 **6.** Total number of applications and patents involved...... correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 7. X Total fee enclosed (37 CFR 3.41): \$ 40.00 Pasadena, CA 91109-7068 8. X Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket Attention: D. Bruce Prout number with any credit or charge to our Deposit Account. **10.** \square Explanatory letter is enclosed. 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: June 1, 1999 Name: D. Bruce Prout 626/795-9900 This paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR § 1.10 Mailing Label No. EU369756 2/1999 DNGUYEN 00000157 09329867 Total number of pages including cover sheet, 2 attachments, and document: 40.00 OF

> PATENT REEL: 010035 FRAME: 0321

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provided herein.

RECORDED: 06/11/1999

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned. (1) Masatoshi SUZUKI; Noboru EDAGAWA; Hidenori TAGA; and Shu YAMAMOTO HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO (2) KDD Corporation and KDD Submarine Cable Systems Inc. jointly 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 TRANSMITTING APPARATUS which application was: (a) executed by the undersigned on (5a) $\frac{\text{May }7, 1999}{\text{May }10, 1999}$; May 12, 1999; and May 10, 1999, respectively. (b) filed on (5b)_____ and assigned Application No._____ 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

| DATE: | INVENTORS: | |
|--------------|--------------------------------------|-------------|
| May 14 1PDF | Masatoshi Suzuki Masatoshi SUZUKI | |
| May 14 (998) | Noboru EDAGAWA | |
| May 24 1999 | Hidenori TAGA | |
| May 14. 1999 | Shu Yamamoto Shu YAMAMOTO | |

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