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

<p>1. Name of conveying party(ies): Takayuki Miyakawa; Masatoshi Suzuki; and Noboru Edagawa</p> <p>Additional name(s) of conveying party(ies) attached: No</p>	<p>2. Name and address of receiving party(ies): Name: DDI Corporation; and KDD Submarine Cable Systems Inc.</p> <p>Street Address: 8, Ichibancho, Chiyoda-ku, Tokyo, Japan; and 7-1, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo, Japan</p> <p><i>2/26/01</i></p> <p>Additional name(s) & address(es) attached? No</p>
<p>3. Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: January 22, 2001</p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: January 22, 2001.</p> <p>A. Patent Application No.(s)</p> <p>B. Patent No.(s) <i>04795245</i></p> <p>Additional numbers attached?</p>
<p>5. Please return the recorded document and address all correspondence to:</p> <p>CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout</p>	<p>6. Total number of applications and patents involved..... 1</p> <p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40.00</p> <p>8. <input checked="" type="checkbox"/> 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 number with any credit or charge to our Deposit Account.</p>
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>	<p>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.</p> <p>Date: February 26, 2001</p> <p>By <i>D Bruce Prout</i></p> <p>Name: D. Bruce Prout 626/795-9900</p> <p>Express Mail No. EL483170669US</p> <p>Total number of pages including cover sheet, attachments, and document: 2</p>

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Express Mail No. EL483170669US

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Takayuki MIYAKAWA; Masatoshi SUZUKI; and Noboru EDAGAWA

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) DDI Corporation and KDD Submarine Cable Systems Inc. jointly, having a place of business at
(3) 8, Ichibancho, Chiyoda-ku, Tokyo, Japan and 7-1, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo, Japan
respectively

(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 TRANSMISSION LINE
which application was:

- (a) executed by the undersigned on (5a) even date herewith
- (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 provided herein.

DATE:

INVENTORS:

January 22, 2001

Takayuki Miyakawa
Takayuki MIYAKAWA

January 22, 2001

Masatoshi Suzuki
Masatoshi SUZUKI

22 January 2001

Noboru Edagawa
Noboru EDAGAWA