

ASSIGNMENT

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

(1) Yukio HORIUCHI; and Shu YAMAMOTO

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

(2) KDDI 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 DATA TRANSMISSION METHOD AND ITS SYSTEM, OPTICAL TRANSMITTER AND ITS METHOD, AND OPTICAL SWITCHER

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:

May 10, 2001

Yukio Horiochi
Yukio HORIUCHI

May 29, 2001

Shu Yamamoto
Shu YAMAMOTO