



08-10-1998

Docket No. 32187/DBP/T360

ET



100789451

Post Office Box 7068  
Pasadena, CA 91109-7068

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

<b>1. Name of conveying party(ies):</b> Hidenori Taga, Noriyuki Takeda, Masatoshi Suzuki, Shu Yamamoto and Shigeyuki Akiba.  Additional name(s) of conveying party(ies) attached: No		<b>2. Name and address of receiving party(ies):</b> Name: <b>Kokusai Kenshin Denwa Kabushiki Kaisha</b>  Street Address: 3-2, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-03, Japan			
<b>3. Name of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: March 11, 1998		Additional name(s) & address(es) attached? No			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is:  <table border="1"> <tr> <td> <b>A. Patent Application No.(s)</b>                      09/036,485                 </td> <td> <b>B. Patent No.(s)</b> </td> </tr> </table> Additional numbers attached? No				<b>A. Patent Application No.(s)</b> 09/036,485	<b>B. Patent No.(s)</b>
<b>A. Patent Application No.(s)</b> 09/036,485	<b>B. Patent No.(s)</b>				
<b>5. Please return the recorded document and address all correspondence to:</b> <b>CHRISTIE, PARKER &amp; HALE, I LP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: <b>D. Bruce Prout</b>		<b>6. Total number of applications and patents involved.....</b> <span style="border: 1px solid black; padding: 2px;">01</span>			
<b>10. <input type="checkbox"/> Explanatory letter is enclosed.</b>		<b>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41):</b> \$ 40.00 <b>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to <b>Deposit Account No. 03-1728</b>, 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.</b>			
<b>9. Statement and signature.</b> 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: July 29, 1998      40.00 US By: <u>D. Bruce Prout</u> Name: D. Bruce Prout 626/795-9900; 213/681-1800  I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231-9998. Date: <u>7/29/98</u> <u>Dione M. Surdez</u> Date:      Dione M. Surdez					
Total number of pages including cover sheet, attachments, and document:			<span style="border: 1px solid black; padding: 2px;">02</span>		

DBP/dms

DMS PAS: 1999-1-7/29/98 2:40 pm

PATENT  
REEL: 9365 FRAME: 0264

Our Reference: 32187/DBP/T360

Return to:  
CHRISTIE, PARKER & HALE, LLP  
Post Office Box 7068  
Pasadena, CA 91109-7068

### ASSIGNMENT

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

(1) Hidenori Taga; Noriyuki Takeda; Masatoshi Suzuki

Shu Yamamoto; Shigeyuki Akiba

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

(2) Kokusai Denshin Denwa Kabushiki Kaisha 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) GAIN EQUALIZER AND OPTICAL AMPLIFYING TRANSMISSION LINE

which application was:

(a) executed by the undersigned on (5a) \_\_\_\_\_

(b) filed on (5b) March 6, 1998

and assigned Serial No. 09/036,485

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: March 11, 1998

March 11, 1998

March 11, 1998

March 11, 1998

March 11, 1998

INVENTOR(S):

Hidenori Taga

Noriyuki Takeda

Masatoshi Suzuki

Shu Yamamoto

Shigeyuki Akiba

SIGNATURE:

Hidenori Taga

Noriyuki Takeda

Masatoshi Suzuki

Shu Yamamoto

Shigeyuki Akiba

WITNESSES:

FORM 101 (ASSOC. HARD COPY) ASSIG. PAT.

RECORDED: 08/03/1998

PATENT  
REEL: 9365 FRAME: 0265