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FORM PTO-1595 **RECC**



U.S. DEPARTMENT OF COMMERCE

102797883

PATENTS ONLY 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Taizo MAEDA Takehiro FUJITA Motoyoshi SEKIYA 2. Name and Address of receiving party(ies): **FUJITSU LIMITED** 07/19/2004 HTECKLU1 00000023 10892241 1-1, Kamikodanaka 4-chome, 02 FC:8021 Nakahara-ku, Kawasaki-shi, 40.00 DP Kanagawa 211-8588 JAPAN 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other: Execution Date(s): June 21, 2004 111/892241 Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: The title is:OPTICAL TRANSMISSION DEVICE USING A WIDE INPUT DYNAMIC RANGE (b) **OPTICAL AMPLIFIER** OR This document is being filed after filing of the application: Patent Application No(s). __/____, filed _____ (a) , issued (b) Patent No(s). 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 826.1950 Attention: Richard A. Gollhofer 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Total number of applications and patents involved: __1 6. 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) **Enclosed** Х Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by 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. charda. Doldhofer 7/16/04
Date Richard A. Gollhofer, Reg. No. 31,106 Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE

> **PATENT** REEL: 015581 FRAME: 0541

U.S. ASSIGNMENT

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) **FUJITSU LIMITED** 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) OPTICAL TRANSMISSION DEVICE USING A WIDE INPUT DYNAMIC RANGE OPTICAL AMPLIFIER relating to International Patent Application PCT/JP_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on _____ (Insert date of execution of application, if not concurrent) Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Typed Name & Signature of Witness(es)) Taigo Maeder 21 / June / 2004 Yasuko Soga
Taizo MAEDA Vasuko SOGA Vasuko SOGA Vasuko SOGA

2) Faksehiro Fujita 21 f June / 2004 Yasuko SOGA
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> PATENT REEL: 015581 FRAME: 0542