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U.S. DEPARTMENT OF COMMERCE

102915981 PAI EN 13 UNE. 2001 Staas & Halsey LLP To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name of conveying parties: Yoshifumi KAJIWARA Yoshiaki KATO Nariyasu HAYAKAWA Toshikazu ISHIOKA Hiroaki SAKASHITA Manabu HONGO Hidehiko HIZUKA 2. Name and Address of receiving party: **FUJITSU LIMITED** 1-1. Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: Assignment Merger <u>X</u> Change of Name Security Agreement Other: Execution Date: October 26, 2004 Application number or patent number: 4. This document is being filed together with a new application: (a) The execution date(s) of the application is: October 26, 2004 (b) The title is: PORTABLE TERMINAL APPARATUS OR This document is being filed after filing of the application: Patent Application No(s). ___/___, filed _ (a) , issued (b) Patent No(s). Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 1080.1155 STAAS & HALSEY LLP Attention: Mark J. Henry 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 6. Total number of applications and patents involved: __1 Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. <u>X</u> **Enclosed** 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) 12/28/2004 STEUMEL1 00000088 11019207

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Mark J. Henry, Reg. No. 36,162
Name of Person Signing

December 23, 2004
Date

Total number of pages including cover sheet: 3

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.

PATENT REEL: 016123 FRAME: 0302

U.S. ASSIGNMENT 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 (bereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sella, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) PORTABLE TERMINAL APPARATUS and/or for which application for Letters Patent of the United States was relating to International Patent Application PCT/JP executed on even date herewith or, if not so executed, was: (a) executed on October 26, 2004 (Insert date of execution of application, if not concurrent) Any registered attorney of STAAS & HALSEY LLF, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to (b) filed on 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(a) 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 investor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es)) wanura Yoshifumi Kawamura iyasu Toshikazu Hiroaki Sakashita (Yoshifumi (Lawamura Yoshifumi (Euwaniwa lidehiko Yoshifumi Kawamura

Hidehiko Hizuka

RECORDED: 12/23/2004

PATENT REEL: 016123 FRAME: 0303