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| l | To the Director of the U.S. Patent and Trade | emark Office: Ple | as | 10-30-20 | ე 06 | |
| 1. | Name of conveying party(ies): Shunsuke KIKUCHI Yuji NOMURA | | | 10332920 | | S. PTO |
| 2. | Name and Address of receiving | party(ies): | | | _ = | 585. |
| | FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki Kanagawa 211-8588 Japan | | | | | 11326 |
| 3. | Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): September | C | Merger Change of N | Name —- | | |
| 4. | Application number(s) or patent This document is being filed This document is being filed (a) Patent Application No(s). (b) Patent No(s)., issued. | I together with Lafter filing of t | | | | |
| 5. | Name and address of party to whe STAAS & HALSEY LLP Attention: H. J. Staas 1201 New York Ave., N.W., Suite Washington, D.C. 20005 | · | | oncerning docu Docket: <u>1081.</u> | | эе mailed: |
| 6. | Total number of applications and | d patents invo | lved:1 | | | |
| 7. | Total fee (37 CFR 3.41) Enclosed Authorized to be charged | | | or Application | in Assignmer | nt) |
| 8. | Deposit Account No.: 19-3935 Account) (Attach duplicate copy of this pag | | - | | e charged to t | his Deposit |
| | Staas, Reg. No. 22,010 e of Person Signing | Sigr | nature | De- | October 24 Date | 4, 2006 |
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PATENT

REEL: 018457 FRAME: 0146

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 (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) MANAGEMENT DEVICE TO INVESTIGATE PATH STATES OF NETWORK AND NETWORK SYSTEM 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: (Insert date of execution of application, if not concurrent) (a) executed on ___ (b) filed on _____ Assignee's attorney is hereby authorized to insert in (b) the specified Serial No. / 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).

| 1) K | ikudi. Shunsuke. | Shunsuke KIKUCHI | Sep. 11, 2006 |
|------|----------------------------|----------------------------|---------------|
| V | (Signature) u) i Nomura | (Type Name) Yuji NOMURA | Dep. 11. 2006 |
| 2) | (Signature) | (Type Name) | (Date) |
| 3) | (Signature) | (Type Name) | (Date) |
| 4) | (Signature) | (Type Name) | (Date) |
| 5) | (Signature) | (Type Name) | (Date) |
| 6) | Signature | (Type Trume) | (Date) |
| 7) | (Signature) | (Type Name) | (Date) |
| 7) | (Signature) | (Type Name) | (Date) |

PATENT REEL: 018457 FRAME: 0147

RECORDED: 10/24/2006