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| Shinya NAGASAWA   |   | Name:<br>NEC CORPORAT                           |  |  |
| Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No<br>3. Nature of conveyance:     |   | Street Address:<br>7-1, Shiba 5<br>Minato-ku, 7 |  |  |
| -   | ] Merger  | JAPAN   |  |  |
| l ] Security Agreement  |   |   |  |  |
| Execution Date: August  | 18, 2000  |   |  |  |
| <ol> <li>Application number(s) o<br/>If this document is bein<br/>application is: August</li> </ol> | ng filed together w   | :<br>ith a new application, the                 | e execution date of the                                    |  |
| A. Patent Application N   | IO(S).  | B. Patent No(s).                                |  |  |
|   |   | Additional numbers attached                     | d? [_] Yes_[ <b>X</b> ] No                                 |  |
| spondence concerning  | <ol> <li>Name and address of party to whom corre-<br/>spondence concerning document should<br/>be mailed.</li> <li>Noving 09644042</li> </ol> |   | applications and patents                                   |  |
| C:581<br>YOUNG & THOMPSON<br>Second Floor<br>745 South 23rd St                                      | reet  | [X] Enclosed                                    | ed to be charged to  |  |
| Arlington, VA 222   | UΖ  | 8. Deposit Account<br>(Attach duplicate copy of | No. 25–0120<br>this page if paying by deposit              |  |

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.

au 23, 2000 ren NU August Lauren Terry Name of Person Signing Signature Date

Total number of pages including cover sheet: [2]

PATENT REEL: 011031 FRAME: 0825

## ASSIGNMENT

| UHEREAS,I, SHINYA NAGASAWA of Tokyo, Japan  |
|---|
| ·   |
| ha invented certain new and useful improvements in SYSTEM AND METHOD CAPABLE OF<br>CARRYING OUT HIGH-SPEED IP ROUTING BY THE USE OF A BINARY TREE COMPRISING<br>A REDUCED NUMBER OF NODES |
| for which I am about to make<br>(I/we have made—or am/are about to make)  |
| Patent of the United States of America;   |
| AND WHEREAS,NEC Corporation, 7-1, Shiba 5-chome,  |
| <u>Minato-ku, Tokyo, Japan</u> isisisisisis   |
| desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from  |
| United States;  |
| NOW THEREFORE, be it known by all whom it may concern, that for and in consideration  |
| to <u>me</u> in hand paid, the receipt of which is hereby acknowledged <u>I</u>   |
| have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the sASSIGNEE, NEC_Corporation   |
| as fully set forth and described in the:  |
| applicable (a) specification prepared and executed byme on the18thday of _August2000  |
| (b) application filed on the day of,,, Serial No  |
| preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to   |
| held and enjoyed by the saidASSIGNEE, NEC_Corporation   |
| for $\_\_\_their\_\_$ own use and behoof, and for $\_their\_\_\_$ legal representatives, to the full end of the te  |
| for which said Letters Patent are granted, as fully and entirely as the same would have been held   |
| me had this assignment and sale not been made.  |
| IN TESTIMONY WHEREOF, L hereunto set _ my hand and affixwy seal   |
| Tokyo, Japan this _18th day of _August, A.D. 2000   |
| Shinya Ragasawa   |

Witness:

Joshie Fujite mita

\* State whether the full and exclusive right, or what part of the whole interest is assigned. PATENT

RECORDED: 08/23/2000

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