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| 1-31-92                                  | $\frac{PA}{}$ 1                       | 02435562   | Patent and Trademark                          |  |
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| To the Honorable Commission              | er of Patents and Trademarks. Plea    | se record the attached original d  | ocuments or copy thereof.                     |  |
| 1. Name of conveying party(ies): 4-28-03 |                                       | 2. Name and address of receiving party(ies):   |   |  |
| Koichiro YAMAGUCHI, Yuji                 | ABURAKAWA,                            | Name: NTT DoCoMo,  | Inc.  |  |
| Yuji NAKAYAMA and Toru (                 | OTSU                                  | Address: 11-1, Nagatacho   | 2-chome,                                      |  |
| Additional name(s) of conveying          | ng party(ies) attached? □Yes ■No      | Chiyoda-ku,  | ,   |  |
| 3. Nature of Conveyance:                 |                                       | Tokyo, Japan   |   |  |
| Assignment                               | □ Merger                              |  |   |  |
| ☐ Security Agreement☐ Other              | □ Change of Name                      |  |   |  |
| F  | February 15, 17, 17, and 17,          | Additional name(s) and addre   | ess(es) attached? □Yes ■N                     |  |
| Execution Date:                          | 2003                                  |  |   |  |
| 4. Application number(s) or pa           | • •                                   |  |   |  |
|  | together with a new application, th   | 1  | on is:  |  |
| A. Patent Application No.(s) 10/378,893  |                                       | B. Patent No.(s)   |   |  |
| 10/3/0,093                               | Additional numbers at                 | ⊔<br>tached? □Yes ■No  |   |  |
| 5. Name and address of party to          | ·                                     |  | 6. Total applications and patents involved: 1 |  |
| concerning document should be            |                                       | 11   |   |  |
|  |                                       | 7. Total fee (37 CFR 3.41): \$40.00  |   |  |
| <b>22850</b> Tel. (703) 413-3000         |                                       | <ul><li>■ Enclosed</li><li>□ Authorized to be charged to deposit account</li></ul>                   |   |  |
| Fax. (703) 413-2220                      |                                       | 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) |   |  |
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| 9. Statement and signature               |                                       |  |   |  |
| -  | and belief, the foregoing information | ion is true and correct and any<br>A. Seafetta Jr.   | attached copy is a true co                    |  |
| Name of Person Sign                      | ning                                  | Signature  | Date  |  |
| Registration Number: 47,30               | 333p,                                 | . Scafetta, Jr.  |   |  |
| To                                       | otal number of pages including this   | cover sheet: 3   |   |  |
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PATENT REEL: 014003 FRAME: 0613

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## **Assignment of Application**

| ERT N. MES                                     | WHEREAS, I (WE  | Koichiro YAMAGUCH           | I of Aichi-gun, Aichi     | Japan                          |                          |  |  |
|--|---|-----------------------------|---------------------------|--------------------------------|--------------------------|--|--|
| residence<br>resident<br>inventors:            |   | Yuji ABURAKAWA o            | f Yokohama-shi, Kan       | agawa Japan                    |                          |  |  |
|  |   | Yuji NAKAYAMA of            | Yokohama-shi, Kanag       | awa Japan                      |                          |  |  |
|  |   | Toru OTSU of Yokoha         | ma-shi, Kanagawa Jap      | oan                            |                          |  |  |
|  |   |                             |                           |                                |                          |  |  |
|  |   |                             |                           |                                |                          |  |  |
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| ERT THE OF<br>ENTION:                          |   | <u>-</u>                    |                           | UNICATION CONTROL ME           | THOD AND                 |  |  |
|  | COMMUNICATIO  | ON CONTROL SYSTEM           | 1                         |                                |                          |  |  |
|  |   |                             |                           |                                |                          |  |  |
| ert da <b>te</b><br>Entore Bigned<br>Laration: | For which an application for Letters Patent was executed on even date herewith  |                             |                           |                                |                          |  |  |
|  | (Application No.  | 10/378,893                  | , filed                   | March 5, 2003                  | ), and                   |  |  |
|  |   |                             |                           |                                |                          |  |  |
| IRTNAME  | WHEREAS, NTT DoCoMo, Inc.   |                             |                           |                                |                          |  |  |
| D ADD RESS OF<br>JPANY OR<br>JER ASSIGNES      | (hereinafter referred to as "ASSIGNEE") having places of business at: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent |                             |                           |                                |                          |  |  |
|  | Japan is desirous o   | f acquiring the entire rigi | ht, title and interest in | and to said invention and in a | nd to any Letters Patent |  |  |

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in

and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date: 2003. 2.15  | Koichero Yamaguchi                         |
|-------------------|--|
|                   | (Signature of Inventor) Koichiro YAMAGUCHI |
| Date: 2003 . 2.17 | zam tite 2                                 |
|                   | (Signature of Invantor) Yuji ABURAKAWA     |
| Date: 2003 2.17   | Juji nakayama                              |
|                   | (Signature of Inventor) Yuji NAKAYAMA      |
| Date: 17 Feb. 200 | 大  |
|                   | (Signature of Inventor) Toru OTSU          |
| Date:             |  |
|                   | (Signature of Inventor)                    |
|                   |  |
| Date:             |  |
|                   | (Signature of Inventor)                    |

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RECORDED: 04/28/2003

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