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U.S. Department of COMMERCE

HDP Docket No. 6268-008/NP Express Mail Label No. EV 717 342 811 US

3d documents or the new address(es) below

To the Director of the U.S. Patents and Trademark Office: Prease 26 JC17 Rec'd PCT/PTO 1
2. Name and address of receiving party(ies 1. Name of conveying party(ies)/Execution Date(s): Kengo NAGATA Tomoaki KUMAGAI Name: Nippon Telegraph and Telephone Corporation Shinya OTSUKI Kazuyoshi SAITO Internal Address: Satoru AIKAWA Execution Date(s) July 25, 2005 Additional name of conveying party(ies) attached? ☐ Yes ☑ No Street Address: 3-1, Otemachi 2-Chome 3. Nature of conveyance: Chiyoda-ku Assignment Merger M City: Tokyo Security Agreement ☐ Change of Name State: Government Interest Assignment Country: Japan Zip: 100-8116 Executive Order 9424, Confirmatory License Additional Name(s) & address(es) attached? ☐ Yes ☒ No Other _ 4. Application number(s) or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 10549 240 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning this document should be mailed: Name: Gregory A. Stobbs 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Internal Address: Harness, Dickey & Pierce, P.L.C. Authorized to be charged by credit card ☐ Authorized to be charged to deposit account Street Address: P.O. Box 828 ☐ None required (government interest not affecting title) City: Bloomfield Hills 8. Payment Information State: MI __ Zip: <u>48303</u> a. Credit Card Last 4 Numbers Phone Number: 248-641-1600 Expiration Date Fax Number: 248-641-0270 b. Deposit Account Number 08-0750 Email Address: stobbs@hdp.com Authorized User Name 9. Signature: September 12, 2005 Date Gregory A. Stobbs Total number of pages including cover sheet, attachments, and documents

> Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

REEL: 017775 FRAME: 0457

ASSIGNMENT

Atty. Docket No. 6268-008/NP

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

WIRELESS PACKET COMMUNICATION METHOD

which is the subject of a United States or International application for patent

	•	'''
(a)		executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
(b)		executed on,;
(c)		filed on <u>July 26, 2004</u> , and assigned Serial No or PCT International Application No. <u>PCT/JP2004/010986</u> ;
(d)		U.S. Patent No, issued, and, presently assigned as evidenced at Reel, Frame; or
(e)		entitled above and naming the undersigned inventors in this provisional patent application; and

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. _______, filed ______) the filing date and application number of said application when known.

Page 1 of 2

ASSIGNMENT

Rengo Nagata	Takumi Ni Trono
First Inventor or Assignor Kengo Nagata July 25, 2005	First Witness
Dated	Second Witness
Tomoaki Kumagen Second Joint Inventor or Assigner Tomoaki Kumagai	Jakumi Nittons First Witness
July 25, 2005 Dated	Second Witness
Third Joint Inventor or Assignor Shinya Otsuki	First Witness
July 25, 2005 Dated	Second Witness
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Sattu Aikana Fifth Joint Inventor or Assignor Satoru Aikawa	First Witness Vittom
July 25, 2005 Dated	Second Witness
Sixth laint Inventor or Assignor	First Witness
Sixth Joint Inventor or Assignor	I II ST AAMINGOO

Page 2 of 2

Second Witness

PATENT REEL: 017775 FRAME: 0459

Dated