

RECOI

11-21-2005

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

11/17/05

TO THE HONORABLE DIRECTOR OF THE UNITED STATES
ORIGINAL DOCUMENTS OR COPY THEREOF.

103122415

.. PLEASE RECORD THE ATTACHED

1. Name of conveying parties:

(a) DoCoMo Communications Laboratories USA, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and address of receiving party:

Name: NTT DoCoMo Inc.

Street Address: Sanno Park Tower, 11-1, Nagata-cho, 2-chome,
Chiyoda-Ku

City: Tokyo 100-6150

Country: JAPAN

Additional name(s) of receiving party(ies) attached?

☐

Yes

☒

No

3. Nature of Conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____

Execution Date: November 7, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: N/A

A. Patent Application No.(s) - 10/545,464; 10/765,417;
10/733,927; 11/220,837; 10/792,450; 10/545,466; 10/120,165;
10/120,164; 10/119,558; 10/121,121; 10/138,389; 10/141,151;
10/146,548; 10/184,360; 10/185,359; 10/263,031; 11/243,863

B. Patent No.(s)

Additional numbers attached?

☒

Yes

☐

No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward C. Kwok

Internal Address: MACPHERSON, KWOK CHEN & HEID LLP

Street Address: 1762 Technology Drive, Suite 226

City San Jose State CA Zip 95110

6. Total number of applications and patents involved: Fifty-One

7. Total fee (37 CFR 3.41): \$2040.00

☒ Authorized to be charged to Deposit Account 50-2257.☒ Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid

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8. 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.

Edward C. Kwok 33,938
Name of Person Signing

Signature

November 14, 2005
Date

Total number of pages comprising cover sheet: 8

Additional Patent Applications for Assignment Recordation

10/272,092; 10/307,701; 10/310,164; 10/318,803; 10/330,523; 10/370,957; 10/552,672;
PCT/US04/34060; 11/159,852; PCT/US05/22505; 10/971,539; 10/543,464;
PCT/US04/36053; 11/134,723; PCT/US05/17887; 10/290,650; 11/231,430; 10/543,640;
PCT/US04/25513; 11/218,093; PCT/US05/31251; 10/544,060; 10/284,739; 10/521,741;
10/499,853; 10/851,846; 10/476,632; 10/185,889; 10/384,328; 10/409,916; 10/405,186;
10/120,884; 10/306,299; 10/267,463

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, DoCoMo Communications Laboratories USA, Inc. ("Assignor"), a Delaware corporation, having a place of business at 181 Metro Drive, Suite 300 San Jose, CA 95110, hereby sells, assigns and transfers to NTT DoCoMo Inc. ("Assignee"), a Japanese corporation, having a place of business at Sanno Park Tower, 11-1, Nagata-cho, 2-chome, Chiyoda-Ku, Tokyo 100-6150, Japan, its successors and assigns, the Assignor's entire right, title and interest throughout the world in the inventions described in the U.S. patent applications, U.S. patents, and International Patent Cooperation Treaty applications as listed on the attached Schedule A, and all patent applications and patents of every country for said inventions, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; the Assignor authorizes the Assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from the Assignor; and agrees to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said Assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and requests that the United States Patent and Trademark Office issue all patents granted for said inventions to Assignee, its successors and assigns.

Executed this 7th day of November, 2005

DoCoMo Communications Laboratories USA, Inc.



(Signature)

Eisuke Miki

President & CEO

Schedule A

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Attorney Docket Number	Application Number	Application Date	Title
M-15408 US	10/119,558	4/10/2002	Using Subnet Relations For Paging, Authentication, Association And To Activate Network Interfaces In Heterogeneous Access Networks
M-15407 US	10/120,164	4/10/2002	Using Subnet Relations To Conserve Power In A Wireless Communication Device
M-15406 US	10/120,165	4/10/2002	Distributed Information Storage, Authentication And Authorization System
M-16173 US	10/120,884	4/11/2002	Context Aware Application Level Triggering Mechanism for Pre-Authentication, Service Adaptation, Pre-Caching and Handover in a Heterogeneous Network Environment
M-15409 US	10/121,121	4/11/2002	Method And Associated Apparatus For Pre-Authentication, Preestablished Virtual Private Network In Heterogeneous Access Networks
M-15410 US	10/138,389	5/3/2002	Low Latency Mobile Initiated Tunneling Hand Off
M-15411 US	10/141,151	5/8/2002	Aggregation Point Prediction Matching For Coherent Layer Three Signaling And Fast IP Mobility Triggering
M-15412 US	10/146,548	5/15/2002	Method For Securing Access To Mobile IP Network
M-15413 US	10/184,360	6/27/2002	Adaptive IP Handoff Triggering And Iterative Tuning Of IP Handoff Trigger Timing
M-15414 US	10/185,359	6/28/2002	Secure Network Access Method
M-16100 US	10/185,889	6/28/2002	AUTHENTICATED ID-BASED CRYPTOSYSTEM WITH NO KEY ESCROW
M-15416 US	10/263,031	10/1/2002	Method And Associated Apparatus For Increment Accuracy Of Geographical Foreign Agent Topology Relation In Heterogeneous Access Networks

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Attorney Docket Number	Application Number	Application Date	Title
M-16175 US	10/267,463	10/8/2002	Enhanced ANSI X9.17 And FIPS 186 Pseudorandom Number Generators With Forward Security
M-15417 US	10/272,092	10/16/2002	Link Layer Triggers Protocol
M-16093 US	10/284,739	10/31/2002	Location Privacy Through IP Address Space Scrambling
M-15898 US	10/290,650	11/8/2002	Wireless Network Handoff Key
M-16174 US	10/306,299	11/27/2002	METHOD OF CONNECTING A CLIENT DEVICE WITH A ROUTER IN A WIRELESS COMMUNICATION NETWORK
M-15418 US	10/307,701	12/2/2002	Point Coordinator Control Passing Scheme Using Scheduling Information Parameter Set For An IEEE 802.11 Wireless Local Area Network
M-15419 US	10/310,164	12/4/2002	Access Network Dynamic Firewall
M-15420 US	10/318,803	12/13/2002	Method And Apparatus For An SIP Based Paging Scheme
M-15421 US	10/330,523	12/27/2002	Selective Fusion Location Estimation (SELFLOC) For Wireless Access Technologies
M-15422 US	10/370,957	2/19/2003	Method Of Associating An IP Address With A Plurality Of Link Layer Addresses In A Wireless Communication Network
M-16101 US	10/384,328	3/7/2003	HIERARCHICAL IDENTITY BASED ENCRYPTION AND SIGNATURE SCHEMES
M-16172 US	10/405,186	4/2/2003	SYSTEMS AND METHODS FOR GOODPUT GUARANTEE THROUGH ADAPTIVE FAIR QUEUING

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Attorney Docket Number	Application Number	Application Date	Title
M-16171 US	10/409,916	4/8/2003	Mobile Terminal And Method Of Providing Cross Layer Interaction In A Mobile Terminal
M-16097 US	10/476,632	3/22/2004	Ring-Based Signature Scheme
M-16095 US	10/499,853	4/15/2003	Signature Schemes Using Bilinear Mappings
M-16094 US	10/521,741	1/18/2005	Certificate-Based Encryption And Public Key Infrastructure
M-15582 US	10/543,464	10/29/2004	Encryption and signature schemes using message mappings to reduce the message size
M-15960 US	10/543,640	7/28/2005	Method and Apparatus for Authentication Of Data Streams With Adapively Controlled Losses
M-16061 US	10/544,060	5/21/2004	Broadcast Encryption Using RSA
M-15366 US	10/545,464	5/20/2004	Proxy Active Scan For Wireless Networks
M-15394 US	10/545,466	4/2/2004	Fast Active Scanning Wireless Network Apparatus And Method
M-15431 US	10/552,672	10/14/2004	Method for Supporting Scalable and Reliable Multicast In TDMA/TDD System Using Feedback Suppression Techniques
M-15392 US	10/733,927	12/10/2003	System And Method For Channels Scanning In Wireless Networks
M-15391US	10/765,417	1/27/2004	Wireless Network Handoff Key

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Attorney Docket Number	Application Number	Application Date	Title
M-15393 US	10/792,450	3/2/2004	Method And Apparatus For Location Estimation Using Region Of Confidence Filtering
M-16096 US	10/851,846	5/20/2004	Location Privacy For Internet Protocol Networks Using Cryptographically Protected Prefixes
M-15500 US	10/971,539	10/21/2004	Method And Apparatus For Schema-driven XML Parsing Optimization
M-15848 US	11/134,723	5/19/2005	Digital Signatures Including Identity-Based Aggregate Signatures
M-15466 US	11/159,852	6/22/2005	Power Mode Aware Packet Communication Method And Apparatus
M-15971 US	11/218,093	8/31/2005	Revocation Of Cryptographic Digital Certificates
M-15392-1D US	11/220,837	9/6/2005	System And Method For Channel Scanning In Wireless Networks
M-15952 US	11/231,430	9/20/2005	Methods For Supporting Intra-document Parallelism In XSLT Processing On Devices With Multiple Processors
M-15416-1D US	11/243,863	10/4/2005	METHOD AND ASSOCIATED APPARATUS FOR INCREMENT ACCURACY OF GEOGRAPHICAL FOREIGN AGENT TOPOLOGY RELATION IN HETEROGENEOUS ACCESS NETWORKS
M-15960 WO	PCT/US04/25513	8/4/2004	Method and Apparatus for Authentication Of Data Streams With Adaptively Controlled Losses
M-15431 WO	PCT/US04/34060	10/14/2004	Method for Supporting Scalable and Reliable Multicast In TDMA/TDD System Using Feedback Suppression Techniques
M-15582 WO	PCT/US04/36053	10/29/2004	Encryption and signature schemes using message mappings to reduce the message size

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Attorney Docket Number	Application Number	Application Date	Title
M-15848 WO	PCT/US05/17887	5/20/2005	Digital Signatures Including Identity-Based Aggregate Signatures
M-15466 WO	PCT/US05/22505	6/22/2005	POWER MODE AWARE PACKET COMMUNICATION METHOD AND APPARATUS
M-15971 WO	PCT/US05/31251	8/31/2005	Revocation Of Cryptographic Digital Certificates