

04-19-2002



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Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Openwave Technologies Inc.

4.15.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 14, 2002

2. Name and address of receiving party(ies)

Name: Openwave Systems Inc.

Internal Address:

Street Address:

1400 Seaport Boulevard

City: Redwood City

State: California

Zip: 94063

Additional name(s) & address(es) attached: ☐ Yes ☒ No

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

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

A. Patent Application No.(s):

08/997,489 09/365,426 09/116,760 09/704,339
09/173,145 09/317,476 09/154,977 09/537,827
09/229,794 09/344,407 09/690,768 09/519,677

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael J. Fogarty, III
FULBRIGHT & JAWORSKI L.L.P.

Internal Address: Atty. Dkt.: 51410-G99999-09704691

Street Address: 2200 Ross Avenue
Suite 2800

City:
Dallas

State: TX Zip: 75201

6. Total number of applications and patents involved: 12

7. Total fee (37 CFR 3.41) \$ 480.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

06-2380

(Attach duplicate copy of this page if paying by deposit account)

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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.

Michael J. Fogarty, III
Name of Person Signing

Michael J. Fogarty III
Signature

April 5, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 10

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Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: April 5, 2002

Signature: *Lisa de Cordova* (Lisa deCordova)

PATENT
REEL: 012794 FRAME: 0218

ASSIGNMENT OF PATENTS

WHEREAS, Openwave Technologies Inc., a Delaware corporation, having a principal place of business located at 1400 Seaport Boulevard, Redwood City, California 94063 (hereinafter the "Assignor"), is the owner of all right, title and interest in and to the patents and patent applications identified in Exhibit A attached hereto (collectively, the "Patents").

WHEREAS, Openwave Systems Inc., a Delaware corporation, having a principal place of business at 1400 Seaport Boulevard, Redwood City, California 94063 (hereinafter the "Assignee"), desires to acquire the entire right, title and interest in, to and under said Patents.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for and in consideration of One Dollar (\$1.00) cash in hand paid and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, effective as of February 14, 2002, Assignor's entire right, title and interest in and to said Patents, in and to the patents, patent applications and inventions identified therein; and in and to all Letters Patent to be obtained by said applications or by any continuations, continuations-in-part, divisions, renewals, or substitutes thereof; and as to Letters Patent any reissue or re-examination thereof; for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, to file applications and obtain patents, utility models, industrial models and designs in its own name; and all rights of action on account of past, present and future unauthorized use or infringement of said Patents.

The Patents are to be held by Assignee, for its own use and enjoyment and that of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents are granted, as fully and entirely as if said Patents would have been held by Assignor had this assignment and sale not been made.

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

Assignor further covenants that Assignee will, upon request, be provided promptly with all pertinent facts and documents relating to said Patents as may be known and accessible to

Assignor, and will testify as to the same in any litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said Patents and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said Patents in all countries.

IN WITNESS WHEREOF, the undersigned Assignor hereunto set hand and seal on this
14th day of February, 2002.

OPENWAVE TECHNOLOGIES INC.

Alan D. Minsk

Alan D. Minsk Director of Patents
Printed Name and Title Patent Counsel

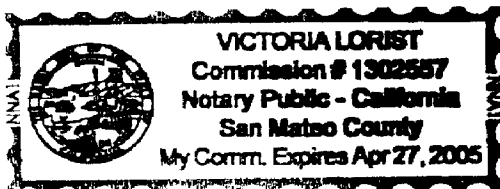
State of California)
) ss.
County of San Mateo)

On 2/14, 2002, before me, VICTORIA LORIST, personally
appeared Alan D. Minsk,

☒ personally known to me OR

☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Vick Lorist
Signature of Notary

IN WITNESS WHEREOF, the undersigned Assignee hereunto set hand and seal on this

14th day of February, 2002.

OPENWAVE SYSTEMS INC.

Alan D. Minsk

Alan D. Minsk, Director of Patents
Printed Name and Title Patent Counsel

State of California)

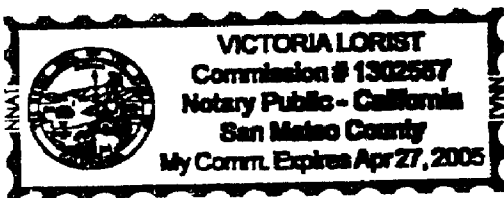
County of San Mateo)

On 2/14, 2002, before me, VICTORIA LORIST, personally
appeared ALAN D. MINSK,

☒ personally known to me OR

☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



V. Lorist
Signature of Notary

EXHIBIT A

U.S. PATENTS

U.S. PATENT NO.	DOCKET NUMBER	TITLE
5,978,672	8001	Mobility Extended Telephone Application Programming
6,181,935	8001X1	Mobility Extended Telephone Application Programming
6,317,594	8001X1C1	Mobility Extended Telephone Application Programming
6,301,474	8001X2	Mobility Extended Telephone Application Programming
6,304,753	8016	Integration of Voice and Data Services Provided to a Mobile

U.S. PATENT APPLICATIONS

APPLICATION SERIAL NUMBER	DOCKET NUMBER	TITLE
08/997,489	8003	System and Method for Controlling Financial Transactions
08/996,524	8004	System and Method for Controlling Personal Information and Information Delivery to and From a Telecommunications Device
09/022,291	8005	System and Method for Controlling and Selecting Long Distance Telephone Rates
09/173,145	8010	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing Capabilities
09/172,934	8011	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
09/229,794	8012	System and Method for Routing Calls in a Wireless Communication Network
09/365,426	8013	System and Method for Prepaid Account Replenishment
09/317,476	8014	System and Method for Providing Subscriber-Initiated Information Over the Short Message Service (SMS) or a Microbrowser
09/344,407	8014X1	System and Method for Providing Subscriber-Initiated Information Over the Short Message Service (SMS) or a Microbrowser
09/116,760	8015	Method and Apparatus for Providing a Connection to a Data Network
09/154,977	8017	Data Network Computing Device Call Processing
09/690,768	8018	System and Method for Providing Internet Content to Wireless Subscribers
09/704,339	8020	Wireless E-Commerce Transaction Engine
09/537,827	8021	System and Method for Streaming Internet Audio and Video to a Wireless Telephone
09/519,677	8022	Short Haul Radio Supported Wireless Communications

FOREIGN PATENT APPLICATIONS AND PATENTS

APPLICATION NUMBER	DOCKET NUMBER	TITLE
2,289,725	8001X1CA	Application Programming Interface for Intelligent Network
98920318.7	8001X1EP	Application Programming Interface for Intelligent Network
00105130.0	8001X1HK	Application Programming Interface for Intelligent Network
548,485/98	8001X1JP	Application Programming Interface for Intelligent Network
PCT/US98/09306	8001X1WO	Application Programming Interface for Intelligent Network
PCT/US00/25073	8001X2WO	Mobility Extended Telephone Application Programming
9814407-3	8003BR	System and Method for Controlling Financial Transactions Over a Wireless Network
2,316,389	8003CA	System and Method for Controlling Financial Transactions Over a Wireless Network
98965395.1	8003EP	System and Method for Controlling Financial Transactions Over a Wireless Network
2000-525,866	8003JP	System and Method for Controlling Financial Transactions Over a Wireless Network
PCT/US98/26786	8003WO	System and Method for Controlling Financial Transactions Over a Wireless Network
9814503-7	8004BR	System and Method for Controlling Personal Information and Information Delivery to and from a Telecommunications Device
2,316,386	8004CA	System and Method for Controlling Personal Information and Information Delivery to and from a Telecommunications Device
98964006.5	8004EP	System and Method for Controlling Personal Information and Information Delivery to and from a Telecommunications Device
2000-526,072	8004JP	System and Method for Controlling Personal Information and Information Delivery to and from a Telecommunications Device
PCT/US98/26785	8004WO	System and Method for Controlling Personal

25126784.1

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APPLICATION NUMBER	DOCKET NUMBER	TITLE
		Information and Information Delivery to and from a Telecommunications Device
PCT/US99/02864	8005WO	System and Method for Controlling and Selecting Long Distance Telephone Rates
6093/99	8010AU	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
9914561-8	8010BR	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
2,346,920	8010CA	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
99812111.8	8010CN	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
99970535.3	8010EP	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
2000-576,602	8010JP	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
10-2001-7004767	8010KR	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
PCT/US99/21080	8010WO	System and Method for Controlling Personal Telephone Number Dialing Lists and Dialing
59234/99	8011AU	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
PI 9914559-6	8011BR	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
2,347,020	8011CA	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
99812084.7	8011CN	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
99946932.3	8011EP	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
2000-576,663	8011JP	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
2001-7004697	8011KR	Signaling System and Method for Network-Based Pre-Paid Wireless Telephone Service
PCT/US99/21119	8011WO	Signaling System and Method for Network-Based Pre-

APPLICATION NUMBER	DOCKET NUMBER	TITLE
		Paid Wireless Telephone Service
00905557.5	8012EP	System and Method for Routing Calls in a Wireless Communication Network
PCT/US00/00318	8012WO	System and Method for Routing Calls in a Wireless Communication Network
PCT/US00/40426	8013WO	System and Method for Prepaid Account Replenishment
00932716.4	8014X1EP	System and Method for Providing Subscriber-Initiated Information Over the Short Message Service or a Microbrowser
PCT/US00/14127	8014X1WO	System and Method for Providing Subscriber-Initiated Information Over the Short Message Service or a Microbrowser
51097/99	8015AU	Method and Apparatus for Providing a Connection to a Data Network
PI 9912128-0	8015BR	Method and Apparatus for Providing a Connection to a Data Network
PCT/US99/16212	8015CA	Method and Apparatus for Providing a Connection to a Data Network
99809694.6	8015CN	Method and Apparatus for Providing a Connection to a Data Network
99935666.0	8015EP	Method and Apparatus for Providing a Connection to a Data Network
2000-560,703	8015JP	Method and Apparatus for Providing a Connection to a Data Network
10-2001-7000695	8015KR	Method and Apparatus for Providing a Connection to a Data Network
PCT/US99/16212	8015WO	Method and Apparatus for Providing a Connection to a Data Network
52148/99	8016AU	Integration of Voice and Data Services Provided to a Mobile Wireless Device
PI 9912129-8	8016BR	Integration of Voice and Data Services Provided to a Mobile Wireless Device
PCT/US99/16108	8016CA	Integration of Voice and Data Services Provided to a Mobile Wireless Device
99809695.4	8016CN	Integration of Voice and Data Services Provided to a

25126784.1

EXHIBIT A
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APPLICATION NUMBER	DOCKET NUMBER	TITLE
		Mobile Wireless Device
99937276.6	8016EP	Integration of Voice and Data Services Provided to a Mobile Wireless Device
2000-560,693	8016JP	Integration of Voice and Data Services Provided to a Mobile Wireless Device
10-2001-7000674	8016KR	Integration of Voice and Data Services Provided to a Mobile Wireless Device
PCT/US99/16108	8016WO	Integration of Voice and Data Services Provided to a Mobile Wireless Device
60438/99	8017AU	Data Network Computing Device Call Processing
PI 9913768-2	8017BR	Data Network Computing Device Call Processing
2,344,045	8017CA	Data Network Computing Device Call Processing
99812206.8	8017CN	Data Network Computing Device Call Processing
99969204.9	8017EP	Data Network Computing Device Call Processing
2000-570,984	8017JP	Data Network Computing Device Call Processing
10-2001-7003443	8017KR	Data Network Computing Device Call Processing
PCT/US99/21341	8017WO	Data Network Computing Device Call Processing
PCT/US01/09985	8021WO	System and Method for Streaming Internet Audio and Video to a Wireless Telephone
01914703.2	8022EP	Short Haul Radio Supported Wireless Communications
PCT/US01/07109	8022WO	Short Haul Radio Supported Wireless Communications