

Docket No.: 42365-00000

FORM PTO-1595 (Modified)  
(Rev. 05-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
PDBA/REV03

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

SignalSoft Corp.

## 2. Name and address of receiving party(ies):

Name: Openwave Systems Inc.Address: 1400 Seaport Boulevard

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_City: Redwood City State/Prov.: CACountry: United States ZIP: 94063Execution Date: June 9, 2004

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

09/989,091

11/19/2001

6,321,092

09/788,036

02/16/2001

6,212,392

09/903,982

07/11/2001

6,424,840

09/923,486

08/07/2001

Additional numbers

☒ Yes ☐ No

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

Name: Kent A. Fischmann, Esq.Registration No. 35,511Address: MARSH FISCHMANN & BREYFOGLE LLP3151 South Vaughn Way, Suite 411City: AuroraState/Prov.: COCountry: United StatesZIP: 80014

## 6. Total number of applications and patents involved:

17

7. Total fee (37 CFR 3.41):.....\$ 680.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1419

(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.*Kent A. Fischmann

Name of Person Signing

Kent A. Fischmann

Signature

June 11, 2004

Date

8

Total number of pages including cover sheet, attachments, and document:

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PATENT

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**Docket No. 42365-00000**

**RECORDATION FORM COVER SHEET**

**Conveying Party:** SignalSoft Corp.

**Receiving Party:** Openwave Systems Inc.  
1400 Seaport Boulevard  
Redwood City, CA 94063

**APPENDIX - Additional Numbers**

<b>Patent Application No.</b>	<b>Filing Date</b>
10/076,682	February 14, 2002
10/071,116	February 7, 2002
09/119,493	July 20, 1998
09/707,079	November 6, 2000
09/411,446	October 1, 1999
10/619,862	July 14, 2003
10/071,117	February 7, 2002
10/133,221	April 26, 2002
10/425,299	April 29, 2003
60/332,674	November 19, 2001

**ASSIGNMENT**

WHEREAS, SignalSoft Corp., a Colorado corporation having a place of business at 5665 Flatirons Parkway, Boulder, Colorado 80301, is the record owner of an interest in and to U.S. Patents and/or Patent Applications as shown on Appendix A and Appendix B attached hereto; and


WHEREAS, Openwave Systems Inc., a Delaware corporation having a place of business at 1400 Seaport Boulevard, Redwood City, California 94063, has acquired said patents and/or patent applications and desires to record its interest therein;

NOW THEREFORE, be it known that for certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, SignalSoft Corp. does hereby acknowledge its transfer of, and otherwise sell, assign and transfer to Openwave Systems Inc., its successors, legal representatives and assigns, any and all of its interest in the aforesaid applications for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extensions filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the inventions in the United States or any other country; SignalSoft Corp. also assigns any right, title or interest in and to the said inventions which have not already been transferred to Openwave Systems Inc.; SignalSoft Corp. warrants that no assignment has been made of the inventions, applications or patents therefor to a party other than Openwave Systems Inc., and is under no obligation to make any assignment of the inventions, applications, or patents therefor to any other party; and SignalSoft Corp. further agrees to cooperate with Openwave Systems Inc., hereunder in the obtaining and sustaining of any and all such patents and patent applications and in confirming SignalSoft Corp.'s exclusive ownership of the inventions, but at the expense of Openwave Systems Inc.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent for the pending patent applications listed under Appendix B solely in accordance with the terms of this Assignment, to Openwave Systems Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the day indicated hereunder.

Date: 6/9/04

By:   
Douglas Solomon, Esq.  
Assistant Secretary, SignalSoft Corp.

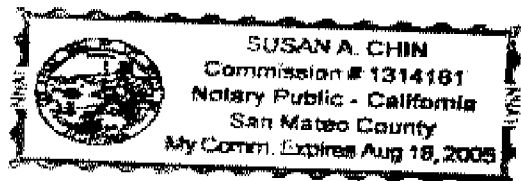
STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Douglas Solomon, Esq., who acknowledged himself to be the Assistant Secretary of SignalSoft Corp. and that he, as such Assistant Secretary, being authorized to do so, executed the foregoing instrument for the purposes and considerations therein expressed, by signing the name of the corporation by himself as Assistant Secretary of SignalSoft Corp.

Given under my hand and seal of office this 8<sup>th</sup> day of June, 2004.

Susana A. Chin  
Notary Public

My Commission Expires: Aug. 18, 2005



## **APPENDIX A**

### **Issued Patents**

1. U.S. Patent Application No. 09/396,235 entitled "Multiple Input Data Management for Wireless Location-Based Applications", issued on November 20, 2001 as U.S. Patent No. 6,321,092 and further identified as Attorney Docket No. 42365-00170.
2. U.S. Patent Application No. 09/258,228 entitled "Method for Determining if the Location of a Wireless Communication Device is Within a Specified Area", issued on April 3, 2001 as U.S. Patent No. 6,212,392 and further identified as Attorney Docket No. 42365-00060.
3. U.S. Patent Application No. 09/435,407 entitled "Method and System for Dynamic Location-Based Zone Assignment for a Wireless Communication Network", issued on July 23, 2002 as U.S. Patent No. 6,424,840 and further identified as Attorney Docket No. 42365-00150

**APPENDIX B****Patent Applications**

1. U.S. Patent Application No. 09/989,091 entitled "Interface for Wireless Location Information" filed on November 19, 2001 and published on June 20, 2002 as Publication No. US-2002-0077119-A1, and further identified as Attorney Docket No. 42365-00790.
2. U.S. Patent Application No. 09/788,036 entitled "Method for Determining if the Location of a Wireless Communication Device is Within a Specified Area" filed on February 16, 2001 and published on March 7, 2002 as Publication No. US-2002-0028682-A1, and further identified as Attorney Docket No. 42365-00450.
3. U.S. Patent Application No. 09/903,982 entitled "Monitoring Boundary Crossings in a Wireless Network" filed on July 11, 2001 and published on January 16, 2003 as Publication No. US-2003-0013449-A1, and further identified as Attorney Docket No. 42365-00300.
4. U.S. Patent Application No. 09/923,486 entitled "Service Zone Management System and Method" filed on August 7, 2001 and published on February 13, 2003 as Publication No. US-2003-0032404-A1, and further identified as Attorney Docket No. 42365-00320.
5. U.S. Patent Application No. 10/076,682 entitled "Method and System for Managing Location Information for Wireless Communications Devices" filed on February 14, 2002 and published on January 30, 2003 as Publication No. US-2003-0023726-A1, and further identified as Attorney Docket No. 42365-00580.
6. U.S. Patent Application No. 10/071,116 entitled "Efficient Location Determination for Mobile Units" filed on February 7, 2002 and published on August 7, 2003 as Publication No. US-2003-0148771-A1, and further identified as Attorney Docket No. 42365-00600.
7. U.S. Patent Application No. 09/119,493 entitled "Subscriber Delivered Location-Based Services", filed on July 20, 1998 and further identified as Attorney Docket No. 42365-00090.
8. U.S. Patent Application No. 09/707,079 entitled "Subscriber Delivered Location-Based Services", filed on November 6, 2000 and further identified as Attorney Docket No. 42365-00380.

9. U.S. Patent Application No. 09/411,446 entitled "Location Based Auctioning Services for Wireless Networks", filed on October 1, 1999 and further identified as Attorney Docket No. 42365-00190.
10. U.S. Patent Application No. 10/619,862 entitled "Providing Graphical Location Information for Mobile Resources Using a Data-Enabled Network", filed on July 14, 2003 and further identified as Attorney Docket No. 42365-01010.
11. U.S. Patent Application No. 10/071,117 entitled "Enhanced PDE Selection" filed on February 7, 2002 and further identified as Attorney Docket No. 42365-00590.
12. U.S. Patent Application No. 10/133,221 entitled "Formatting Location Information Based on Output Device Specifications" filed on April 26, 2002 and further identified as Attorney Docket No. 42635-00330.
13. U.S. Patent Application No. 10/425,299 entitled "Efficient Tracking Method for Location Determination of Mobile Units" filed on April 29, 2003 and further identified as Attorney Docket No. 42365-00960.
14. U.S. Provisional Patent Application No. 60/332,674 entitled "Horizontal API (HAPI) System" filed on November 19, 2001, now expired, and further identified as Attorney Docket No. 42365-000780.

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**

Applicant(s):

Docket No.

42365-00000

Serial No.

Filing Date

Examiner

Group Art Unit

Invention:

I hereby certify that this Assignment  
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is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703/306-5995)  
on June 11, 2004  
(Date)

Bobbie D. Simon

(Typed or Printed Name of Person Signing Certificate)

  
(Signature)

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PATENT

RECORDED: 06/11/2004

REEL: 014718 FRAME: 0416

P18/DEV01