To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new additional party(les):	2/1/07 02-0	5-2007
1. Name of conveying party(ies): SILCON VALLEY PANK 303 TASMAN DRIVE SANTA CLARA, CA. 95054 Additional name legl of conveying party(ies) attached? □ Yes ☑ No Internal Address: 2858 De La Cruz Blvd  Execution Date: January 29, 2007  □ Assignment □ Change of Name □ State: CA □ Joint Research Agreement □ Change of Name □ Joint Research Agreement □ Country: USA Zip: 95050 □ Additional name(s) & address(es) attached? □ Yes ☑ No  Additional name(s) & address(es) attached? □ Yes ☑ No  Additional name(s) & address(es) attached? □ Yes ☑ No  Additional name(s) & address(es) attached? □ Yes ☑ No  Additional name(s) & address(es) attached? □ Yes ☑ No  Additional name(s) & address(es) attached? □ Yes ☑ No  A Patent Application No.(s) □ This document is being filed together with a new application.  A. Patent Application No.(s) □ Spatent No.	Office OMB No. 0651-0027 (exp. 06/30/2008) 1033	EET United States Patent and Trademark
SILICON VALLEY BANK 3003 TASMAND RIVE SANTA CLARA, CA. 95054 Additional namels) of conveying party(sis) attached?  □ yes ☑ No 3. Nature of conveyance/Execution Date(s):  Execution Date: January 29, 2007 □ Assignment  □ Change of Name □ Joint Research Agreement □ Change of Name □ Joint Research Agreement □ Country: USA  Zip: 95050 □ Additional name(s) & address(es) attached? □ Yes ☑ No 4. Application or patent number(s): □ This document is being filled together with a new application. A. Patent Application No.(s)  □ Sep20287 6434194 6502005 6853687 6593885 10138795 □ Sep20287 6434194 6502005 6856242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 6386242 6476719 7046657 1670748 6721369 638624 6592054 633916 6870748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 1670748 16707	To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents of the new address(es) bolow.
Name: Wherenet Corporation SANTA CLARA, C.A. 95054 Additional name(s) of conveying party(ies) attached?	1. Name of conveying party(ies):	
Additional name(s) of conveying party(se) attached?	3003 TASMAN DRIVE	Name: Wherenet Corporation
Street Address: 2858 De La Cruz Blvd  Execution Date: January 29, 2007    Assignment	Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
Assignment	Execution Date: January 29, 2007	Street Address: 2858 De La Cruz Blvd
Security Agreement	☐ Assignment ☐ Merger	City: Santa Clara
Additional name(s) & address(es) attached?   Yes   No	Security Agreement	State: CA
Additional name(s) & address(es) attached?		Country: USA Zip: 95050
B. Patent No.(s)   6502005   6853687   6593885   699756625   636626   6395046   6317082   6859485   6987744   6393045   6127976   6366242   6476719   7046657   6170748   6721369   6366826   6349116   6812839   6655582   6655786   6268723   6121926   6349116   6812839   6655582   6655786   6268723   6121926   6349116   6812839   6655582   6655786   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6121926   6349116   6812839   6655582   6268723   6268		Additional name(s) & address(es) attached?  Yes  No
S920287 6434194   S520205 6853687   S598745   S636625   S995046   S317082   S6859485   S6987744   S638795   S636626   S995046   S6317082   S6859485   S6987744   S638045   S6127976   S366242   S476719   7046657   S6268723   S121926   S380894   S577275   S6892054   S6268723   S121926   S349116   S612839   S655582   S655586   S655676   S655586   S65586   S655586   S65566   S655658   S6556586   S6556576   S655586   S6556586   S655676   S655586   S655586   S6556576   S655586   S655586   S655657	4. Application or patent number(s):	This document is being filed together with a new application.
6393045 6127976 6366242 6476719 7046657     6170748 6721369 6380894 6577275 6892054     6268723 6121926 6349116 6812839 6655582     62687586	A. Patent Application No.(s) 09756625	5920287 6434194 6502005 6853687 6593885
6170748 6721369 6380894 6577275 6892054 6268723 6121926 6349116 6812839 6655582 6657586	10138795	
Additional numbers attached?  \ Yes \ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Silicon Valley Bank  Internal Address: COLLATERAL HF154  Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Zip: 95054  Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Additional numbers attached?  \ Yes \ No  6. Total number of applications and patents involved: 28  C. Total number of applications and patents involved: 28  C. Total number of applications and patents involved: 28  C. Total number of applications and patents involved: 28  C. Total number of applications and patents involved: 28  C. Total number of applications and patents involved: 28  C. Total number of pages including cover		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Silicon Valley Bank  7. Total fee (37 CFR 1.21 (h) & 3.41) \$1120.00  Internal Address: COLLATERAL HF154  Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Zip: 95054  Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Email Address: amdc@svb.com  Signature:  2/2007 DBYRNE  00000010 09756625  Signature:  120 0000010 10 9756625  1120 0000010 10 9756625  Total number of applications and patents involved: 28  C. Total number of applications anumber of applications and patents involved: 28  C. Total number o		6268723 6121926 6349116 6812839 6655582
Concerning document should be mailed:  Name: Silicon Valley Bank  7. Total fee (37 CFR 1.21 (h) & 3.41) \$1120.00  Internal Address: COLLATERAL HF154  Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Zip: 95054  B. Payment Information  a. Credit Card  Expiration Date  Fax Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  P. Signature:  9. Signature:  2/2007 DBYRNE  00000010 09756625  1120-2011 Pixtures  1120-2011 Pixtures  3. Total fee (37 CFR 1.21 (h) & 3.41) \$1120.00  Authorized to be charged by credit card  B. Deposit Account Number  Expiration Date  Fax Number:  Authorized to be charged by credit card  Authorized to be charged by credit card  B. Deposit Account Number  Authorized to be charged by credit card  B. Deposit Account Number  B. Deposit	Additional numbers attached?  Yes No	
Internal Address: COLLATERAL HF154  Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Permail Address: amdc@svb.com  Phone Number: (408)654-6313  Deposit Account Number  Authorized to be charged by credit card Authorized (government interest not affecting title)  8. Payment Information  a. Credit Card Expiration Date  Deposit Account Number Authorized User Name  9. Signature:  2/2007 DBYRNE  00000010 09756625  Date  Total number of pages including cover	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 28
Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Zip: 95054  Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Signature:  2/2007 DBYRNE  Date  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card  Last 4 Numbers  Expiration Date  Date  January 29, 2007  Date  Total number of pages including cover	Name: Silicon Valley Bank	7. Total fee (37 CFR 1.21 (h) & 3.41) \$1120.00
Street Address: 3003 TASMAN DRIVE  City: SANTA CLARA  State: CA  Zip: 95054  B. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  Expiration Date  b. Deposit Account Number  Email Address: amdc@svb.com  Phyrne  9. Signature:  2/2007 DBYRNE  00000010 09756625  Total number of pages including cover	Internal Address: COLLATERAL HF154	
State: CA Zip: 95054  Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Phone Number: (408)654-6313  b. Deposit Account Number  Authorized User Name  9. Signature:  2/2007 DBYRNE 00000010 09756625  C:8021  Total number of pages including cover	Street Address: 3003 TASMAN DRIVE	□ Enclosed
Phone Number: (408)654-4044  Fax Number: (408)654-6313  Email Address: amdc@svb.com  Phone Number: (408)654-6313  b. Deposit Account Number  Authorized User Name  Paranage Signature:  Date  1120-2011 Paranage Strada  Total number of pages including cover	City: SANTA CLARA	The restance (government the second answering may)
Fax Number: (408)654-6313  Email Address: amdc@svb.com  P. Signature:  2/2007 DBYRNE  00000010 09756625  C:8021  Expiration Date    Date   Dat	State: CA Zip: 95054	8. Payment Information
Fax Number: (408)654-6313  Email Address: amdc@svb.com  9. Signature:  2/2007 DBYRNE  00000010 09756625  C:8021  Deposit Account Number  Authorized User Name  January 29, 2007  Date  Total number of pages including cover	Phone Number: (408)654-4044	
9. Signature:  2/2007 DBYRNE  00000010 09756625  1120-2010 Estrada  Authorized User Name  January 29, 2007 Date  Total number of pages including cover	Fax Number: (408)654-6313	
9. Signature:	Email Address: amdc@svb.com	,
2/2007 DBYRNE 00000010 09756625  C:8021	9. Signature:	
	2/2007 DBYRHE 00000010 09756625	Build
Name of Person Signing sheet attachments and documents:	1120 Allina Estrada  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

## RELEASE OF SECURITY AGREEMENT COVERING INTERESTS IN PATENTS

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of **Wherenet Corporation.** ("Assignor") in the **patented** works set forth in that certain **Intellectual Property Security Agreement** dated <u>April 28, 2003</u>, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on May 19, 2003 Reel\_014918, Frame(s) 0646.

Dated: January 29, 2007

SILICON VALLEY BANK

By: Name:

<u>Margaret Fujii</u>

Title: Operations Officer



## United States Patent and Trademark Office





## Assignments on the Web > Patent Query

## Patent Assignment Details

NOTE:Results display only for issued patents and published applications. F pending or abandoned applications please consult USPTO staff.

> Pages Reel/Frame: 014918/0646

Recorded: 05/19/2003

Conveyance: SECURITY AGREEMENT

Total properties: 28

Filing Dt: 01/21/19 Patent #: **Issue Dt:** 07/06/1999 **Application #: 08786232** 1

Title: RADIO LOCATION SYSTEM FOR PRECISELY TRACKING OBJECTS BY RF TRANSCEIVERTAGS

WHICH RANDOMLY AND REPETITIVELY EMIT WIDEBAND IDENTIFICATION SIGNALS

**Issue Dt:** 04/02/2002 **Application #:** 09159242 Filing Dt: 09/23/19 2 Patent #

Title: SUB-SYMBOL MATCHED FILTER-BASED FREQUENCY ERROR PROCESSING FOR SPREAD

SPECTRUM COMMUNICATION SYSTEMS

**Issue Dt:** 05/21/2002 **Application #:** 09159553 Filing Dt: 09/24/19 3 Patent #:

Title: SPREAD SPECTRUM BASEBAND MODULATION OF MAGNETIC FIELDS FOR COMMUNICATION

AND PROXIMITY SENSING

Patent ## **Issue Dt:** 01/09/2001 Application #: 09159554 Filing Dt: 09/24/19

Title: OBJECT IDENTIFICATION SYSTEM EMPLOYING PULSED MAGNETIC FIELD-STIMULATED, TAC

**EMBEDDED TRANSPONDER** 

Filing Dt: 09/24/19 Patent #: **Issue Dt:** 07/31/2001 **Application #: 09159555** 5

Title: MAGNETIC FIELD EMISSION AND DIFFERENTIAL RECIEVER COIL CONFIGURATION FOR

DISCRIMINATING RESPONSE MAGNETIC FIELD FROM TRANSPONDER TAG

**Application #: 09185467** Patent #: **Issue Dt:** 08/13/2002 Filing Dt: 11/03/19 6

Title: COMBINED OOK-FSK/PPM MODULATION AND COMMUNICATION PROTOCOL SCHEME

IPROVIDING LOW COST, LOW POWER CONSUMPTION SHORT RANGE RADIO LINK

Patent #: **Issue Dt:** 11/30/1999 **Application #: 09239399** Filing Dt: 01/28/19 7

Title: RADIO GEO-LOCATION SYSTEM WITH ADVANCED FIRST RECEIVED WAVEFRONT ARRIVAL

DETERMINATION

Patent #: **Issue Dt:** 10/03/2000 Application #: 09390030 Filing Dt: 09/02/19 8

Title: DISTRIBUTED NETWORK FOR MULTI-LATERATION WITH CIRCULARLY POLARIZED ANTENNA

HEMISPHERICAL COVERAGE

Patent #: 0721369 **Application #: 09436551** Filing Dt: 11/09/19 **Issue Dt:** 04/13/2004 9

Title: COMPOSITE BPSK/AM-BPSK BASED SPECTRAL SUPPRESSION OF OUT-OF-BAND ENERGY FF

SATURATED RF AMPLIFIER

**Application #: 09442710** Filing Dt: 11/19/19 Patent #: **Issue Dt:** 09/19/2000 10

Title: RADIO GEO-LOCATION SYSTEM WITH ADVANCED FIRST RECEIVED WAVEFRONT ARRIVAL

**DETERMINATION** 

Filing Dt: 02/14/20 **Issue Dt:** 12/31/2002 **Application #: 09503167** Patent #: 11

Title: ELAPSED TIME CLOCK FOR PART CALL TAG-BASED REPLENISHMENT SYSTEM

1/29/2007

- 12 Patent # **Issue Dt:** 11/13/2001 **Application #:** 09503675 Filing Dt: 02/14/20
  - Title: Wireless call tag based material replenishment system
- 13 Patent #: 63663 **Issue Dt:** 04/02/2002 **Application #: 09626021** Filing Dt: 07/27/20
  - Title: Computer workstation tool for displaying performance estimate of tagged object geo-locatio system for proposed geometry layout of tag transmission readers
- 14 Patent #: **Issue Dt:** 04/30/2002 **Application #: 09649646** Filing Dt: 08/29/20
  - Title: Multi-lateration system with automatic calibration and error removal
- 15 Patent # **Issue Dt:** 02/19/2002 **Application #: 09689340** Filing Dt: 10/12/20
  - Title: Data communication system harnessing frequency shift keyed magnetic field
- 16 Patent #: NONE **Issue Dt:** Application #: Filing Dt: 01/08,
  - Publication #: <u>US20010030625</u> Pub Dt: 10/18/2001
    - Title: Local clock-referenced DTOA geolocation system with wireless infrastructure
- 17 Patent #1 Issue Dt: 02/08/2005 Application #: 09759290 Filing Dt: 01/11,
  - **Publication #:** <u>US20020077710</u> Pub Dt: 06/20/2002
    - **Title:** PROXIMITY-BASED MAGNETIC FIELD GENERATOR FOR CONTROLLING OPERATION OF I
  - BURST-TRANSMITTING TAGS OF GEOLOCATION SYSTEM
- 18 Patent #: Issue Dt: 02/22/2005 Application #: 09798837 Filing Dt: 03/02,
  - Publication #: <u>US20020094012</u> Pub Dt: 07/18/2002
    - Title: GEOLOCATION SYSTEM WITH CONTROLLABLE TAGS ENABLED BY WIRELESS COMMUNICATIONS TO THE TAGS
- 19 Patent #: Issue Dt: 11/05/2002 Application #: 09800079 Filing Dt: 03/06,
  - - Publication #: <u>US20020135479</u> Pub Dt: 09/26/2002
      - Title: ULTRA-SENSITIVE MAGNETIC FIELD RECEIVER CAPABLE OF OPERATING IN HIGH NOIS **ENVIRONMENTS**
    - Patent #:
- 20 Issue Dt: 06/10/2003 Application #: 09801215 Filing Dt: 03/07,
  - Publication #: <u>US20010024174</u> Pub Dt: 09/27/2001
    - Title: TRANSACTIONS AND BUSINESS PROCESSES EXECUTED THROUGH WIRELESS GEOLOCATION SYSTEM INFRASTRUCTURE
  - Patent #: Issue Dt: 11/02/2004 Application #: 09818276 Filing Dt: 03/27,

21

- **Publication #: US20040203361** Pub Dt: 10/14/2004
- - Title: USE OF ROTATING MAGNETIC FIELD TO ENHANCE COMMUNICATION WITH RF BURST-TRANSMITTING TAGS OF OBJECT LOCATION SYSTEM
- 22 Patent #: Issue Dt: 07/15/2003 Application #: 09839573 Filing Dt: 04/20,
  - **Publication #:** <u>US20020039080</u> **Pub Dt:** 04/04/2002
    - Title: LOW COST DTOA LOCATION PROCESSING SYSTEM BASED ON MULTIPLE READERS-TO-SINGLE PROCESSOR ARCHITECTURE
- Patent #: 23 Issue Dt: 01/17/2006 Application #: 09997282 Filing Dt: 11/29,
  - **Publication #:** <u>US20020118655</u> Pub Dt: 08/29/2002
    - Title: WIRELESS LOCAL AREA NETWORK WITH GEO-LOCATION CAPABILITY
- Patent #: Issue Dt: 05/16/2006 Application #: 10023481 Filing Dt: 12/17, 24
  - **Publication #:** <u>US20020080759</u> Pub Dt: 06/27/2002
    - Title: WIRELESS LOCAL AREA NETWORK SYSTEM WITH MOBILE ACCESS POINT STATION
      - **DETERMINATION**
- Patent #: 25 Issue Dt: 05/10/2005 Application #: 10033529 Filing Dt: 12/28,

Publication #: <u>US20020086640</u> Pub Dt: 07/04/2002

Title: INTERFERENCE SUPPRESSION FOR WIRELESS LOCAL AREA NETWORK AND LOCATION

SYSTEM

26 Patent #: Issue Dt: 12/02/2003 Application #: 10038532 Filing Dt: 01/02,

Publication #: <u>US20020104879</u> Pub Dt: 08/08/2002

Title: SYSTEM AND METHOD FOR IDENTIFYING OBJECTS USING SINGLE CONNECTION LINE

27 Patent #: 6037360 Issue Dt: 12/02/2003 Application #: 10137746 Filing Dt: 05/02,

Publication #: US20030001775 Pub Dt: 01/02/2003

Title: SYSTEM AND METHOD FOR LOCATING AN OBJECT USING GLOBAL POSITIONING SYSTI

**RECEIVER** 

28 Patent #: NONE Issue Dt: Application #: Filing Dt: 05/03,

Publication #: <u>US20020181565</u> Pub Dt: 12/05/2002

Title: REAL-TIME LOCATING SYSTEM AND METHOD USING TIMING SIGNAL

**Assignor** 

1 WHERENET CORP. Exec Dt: 04/28/2003

Assignee

1 SILICON VALLEY BANK

3003 TASMAN DRIVE

SANTA CLARA, CALIFORNIA 95054-1191

Correspondence name and address

**BUCHALTER, NEMER, FIELDS & YOUNGER** 

MS SHARON HAYES, PARALEGAL

601 SO. FIGUEROA ST.

**SUITE 2400** 

LOS ANGELES, CA 90017

Search Results as of: 01/29/2007

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.

Web interface last modified: July 26, 2006 v.1.10

| .HOME | INDEX | SEARCH | @BUSINESS | CONTACT US | PRIVACY STATEMENT

http://assignments.uspto.gov/assignments/q?db=pat&reel=014918&frame=0646

1/29/2007