

08-20-2002



HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102195832

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name(s) of conveying party(ies) **2002 AUG 16 PM 2:30**

1) CHARLES S. ZAPPALA

2)

3)

4)

5)

6)

FINANCE SECTION

08-16-02

Additional names of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other \_\_\_\_\_

Execution Dates:

1) AUGUST 5, 2002

4) \_\_\_\_\_

2) \_\_\_\_\_

5) \_\_\_\_\_

3) \_\_\_\_\_

6) \_\_\_\_\_

2. Name and address of receiving party:

Name: AT&amp;T WIRELESS SERVICES, INC.

Internal Address: \_\_\_\_\_

Street Address: 7277 164<sup>TH</sup> AVENUE NE

City REDMOND

State WASHINGTON

Zip: 98052

Additional names & addresses attached? ☐ Yes ☒ No

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

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

A. Patent Application No(s).

10/090,265

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: PERKINS COIE LLP

Internal Address: PATENT-SEA

Katherine D. Lee

Street Address: P.O. Box 1247

City: SEATTLE State: WA ZIP: 98111-1247

6. Total number of applications and patents involved ..... 1

7. Total Fee (37 CFR 3.41): ..... \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

DO NOT USE THIS SPACE

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.

KATHERINE D. LEE

Name of Person Signing

Signature

Date

Reg No. 44,865

Total number of pages including cover sheet, attachments, and document: 3

**ASSIGNMENT**

THIS ASSIGNMENT is by Charles S. Zappala (the "Assignor"), residing at 16203 NE 3<sup>rd</sup> St., Bellevue, WA 98008. The Assignor has invented certain inventions described in a United States Patent Application entitled REAL-TIME NETWORK ANALYSIS AND PERFORMANCE MANAGEMENT (the "Application") and ☐ executed concurrently herewith; or ☒ filed on March 4, 2002 as Application No. 10/090,265 (the "Inventions").

AT&T Wireless Services, Inc., a corporation of the State of Delaware having a place of business at 7277 164<sup>th</sup> Avenue NE, Redmond, WA 98052 ("Assignee"), desires to acquire the entire right, title and interest in and to the Inventions and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Inventions in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Inventions, the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that he or she is the sole owner of the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor

requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Inventions to Assignee.

Date: AUG. 5, 2002

  
\_\_\_\_\_  
Charles S. Zappala

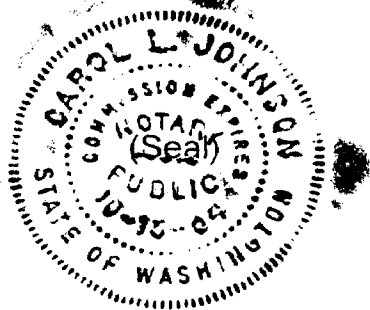
STATE OF WASHINGTON

COUNTY OF KING

On AUG. 5, 2002 before me, CAROL L. JOHNSON  
~~CHARLES S. ZAPPALA~~

personally appeared **Charles S. Zappala**, 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/she executed the same in his/her authorized capacity, and that by his/her 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.



  
\_\_\_\_\_  
Signature

Notary Public in & for the  
State of Washington

My commission expires  
\* \* \* \* \* Oct. 15, 2004