06-10-1998



: SHEET

To the Honorable Commission ched original documents or copy 100734139 画week 匠 Name of conveying party(ies): ... address of rece Name: **el∉**ss Services, Inc John P. Sheffield 5000 Carllon Point A Internal Address: 5-22-98 Kirkland, WA 98033 Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Street Address: 5000 Carillon Point X Assignment Merger ☐ Change of Name Security Agreement City: Kirkland State: WA **Zip**: 98033 Other _ Execution Date: _May 13, 1998 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 ___ B. Patent No. (s) A. Patent Application No.(s) Additional numbers attached? Yes No Serial No. 08/996,486 Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Samuel H. Dworetsky - AT&T Corp. 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Street Address: P. O. Box 4110 X Authorized to be charged to deposit account 8. Deposit account number: 01-2745 City: Middletown, State: New Jersey, Zip: 07748 (Attach duplicate copy of this page if paying by deposit account) 06/10/1998 JSHABAZZ 00000170 012745 08996486 DO NOT USE THIS SPACE 01 FC:581 40.00 CH 9. Statement and signature. To the best of my knowledge and belief, the foregoing information attached copy is a true copy of the original document. Samuel H. Dworetsky - Reg. No. 27873 Name of Person Signing Signature

Sheffield 1

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignments
Washington, D. C. 20231

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

ASSIGNMENT AND AGREEMENT

For value received, I, John P. Sheffield, of Frisco in the County of Collin and State of Texas, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 5000 Carillon Point, Kirkland, Washington 98033, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to Method And System For Optimizing Performance Of A Mobile Communications System described in an application for Letters Patent of the United States, Serial No. 08/996486, filed December 23, 1997, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inand I also concurrently hereby sell, assign and AT&T Wireless Services, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.

PATENT REEL: 9219 FRAME: 0068 I agree that, when requested, I shall, without charge to AT&T Wireless Services, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

John P. Sheffield

Date: 5/13/98

United States of America

State of \sqrt{E}/AS) ss.:

County of DALLAS

SHIRLEY J. BAUERS

Notary Public, State of Texas

My Commission Expires 12-18-01

Sherley & Pawers

Notary Public

AT&T Wireless Services, Inc. P. O. Box 4110 Middletown, New Jersey 07748

> PATENT REEL: 9219 FRAME: 0069