

12-02-1998

ocket Number: 111862

Agee 2-2&c.



U.S. Department of Commerce
Patent and Trademark Office
PATENT

100909657

RECORDATION FORM COVER SHEET
PATENTS ONLY

MRD 11-23-98

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission(Non-Recordation)

Document ID#

- Correction of PTO Error
Reel # Frame #

- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment Security Agreement
- License Change of Name
- Merger Other:

U.S. Government

(For use by U.S. Government Agencies)

- Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	David Gibbons	Execution Date MMDDYYYY 04/20/1998
Name (line 2)		

Second Party

Name (line 1)	James Timothy Golden	Execution Date MMDDYYYY 05/13/1998
Name (line 2)		

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)	AT&T Wireless Services, Inc.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	5000 Carillon Point	
Address (line 2)	Kirkland, Washington 98033 U. S. A.	
Address (line 3)		
	City, State/Country Zip Code	

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name (line 1)	
Address (line 1)	
Address (line 2)	
Address (line 3)	
Address (line 4)	

11/27/1998 SBURNS 00000354 012745 08993721

FOR OFFICE USE ONLY

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 9607 FRAME: 0515

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Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT**CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	Samuel H. Dworesky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4801
COUNTRY	United States of America	FAX	732-957-5505		

Pages Enter the total number of pages of the attached conveyance document # 15
including any attachments

Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)
08/993,721	
08/804,619	

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

Number of Properties

Enter the total number of properties involved. # 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment :

Enclosed Deposit Account

Deposit Account

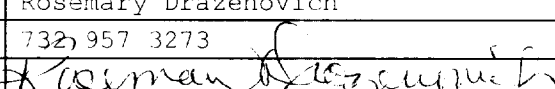
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 01-2745

Authorization to charge additional fees: Yes No

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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.

NAME	Rosemary Drazenovich		
TELEPHONE	732 957 3273		
SIGNATURE:		DATE	11/11/98

PATENT
REEL: 9607 FRAME: 0516

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies) Mark if additional names of conveying parties attached

Enter Additional Conveying Parties

Name (line 1)	Elliott Hoole	Execution Date MMDDYYYY 4/29/98
Name (line 2)		
Name (line 1)	Mary Jesse	Execution Date MMDDYYYY 5/7/98
Name (line 2)		
Name (line 1)	Robert Lee Maxwell	Execution Date MMDDYYYY 5/6/98
Name (line 2)		

Receiving Party Mark if additional names of receiving parties attached

Name (line 1)	AT&T Wireless Services, Inc.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	500 Carillon Point	
Address (line 2)	Kirkland, Washington 98033, U. S. A.	
Address (line 3)		
	City, State/Country Zip Code	

 Mark if additional names of receiving parties attached

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
	City, State/Country Zip Code	

Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)
08/993,721	
08/804,619	

**PATENT
REEL: 9607 FRAME: 0517**

Agee 2-2&c.
Page 2**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**U.S. Department of Commerce
Patent and Trademark Office
PATENT**Conveying Party(ies)** Mark if additional names of conveying parties attached

Enter Additional Conveying Parties

Name (line 1)	Robert G. Mechaley, Jr.	Execution Date MMDDYYYY 8/17/98
Name (line 2)		
Name (line 1)	David J. Nix	Execution Date MMDDYYYY 5/1/98
Name (line 2)		
Name (line 1)	David James Ryan	Execution Date MMDDYYYY 8/13/98
Name (line 2)		

Receiving Party Mark if additional names of receiving parties attached

Name (line 1)	AT&T Wireless Services, Inc.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)
08/993,721 08/804,619	

**PATENT
REEL: 9607 FRAME: 0518**

ASSIGNMENT AND AGREEMENT

For value received, we, Brian G. Agee, of San Jose in the County of Santa Clara and State of California, Matthew Bromberg, of San Jose in the County of Santa Clara and State of California, Derek Gerlach, of Mountain View in the County of Santa Clara and State of California, David Gibbons, of Redmond in the County of King and State of Washington, James Timothy Golden, of Carnation in the County of King and State of Washington, Minnie Ho, of Palo Alto in the County of Santa Clara and State of California, Elliott Hoole, of Redmond in the County of King and State of Washington, Mary Jesse, of Issaquah in the County of King and State of Washington, Robert Lee Maxwell, of Duvall in the County of King and State of Washington, Robert G. Mechaley Jr., of Lexington in the County of Middlesex and State of Massachusetts, Robert Ray Naish, of San Jose in the County of Santa Clara and State of California, David J. Nix, of Issaquah in the County of King and State of Washington, David James Ryan, of Seattle in the County of King and State of Washington, and David Stephenson, of San Jose in the County of Santa Clara and State of California, 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 **Highly Bandwidth Efficient Communications** described in an application for Letters Patent of the United States, Serial No. 08/993721, filed December 18, 1997, which is a continuation of Application No. 08/804619, filed February 24, 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 inventions; and we also concurrently hereby sell, assign and transfer to 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.

We 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We 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.

We agree that, when requested, we 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.

Brian G. Agee

Date:_____

United States of America)

State of) ss.:

County of)

On this_____day of_____,19_____, before me personally came Brian G. Agee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Matthew Bromberg

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 19____, before me personally came Matthew Bromberg, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Derek Gerlach

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 19_____, before me personally came Derek Gerlach, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

D. B. Gibbons

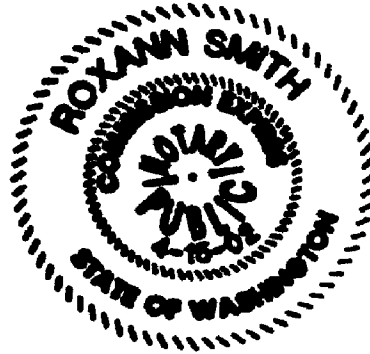
David Gibbons

Date: 4/20/98

United States of America)

State of washington) ss.:

County of King)



On this 20th day of April, 1998, before me personally came David Gibbons, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith

Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

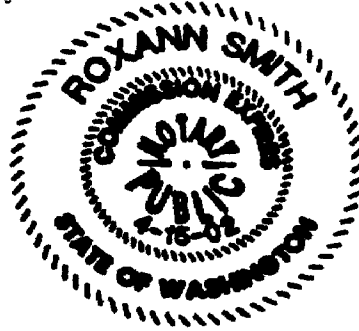
James Timothy Golden
James Timothy Golden

Date: 5/13/98

United States of America)

State of Washington) ss.:

County of King)



On this 13~~th~~ day of May, 1998, before me personally came James Timothy Golden, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith
Notary Public

Minnie Ho

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 19____, before me personally came Minnie Ho, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

Elliott Hoole

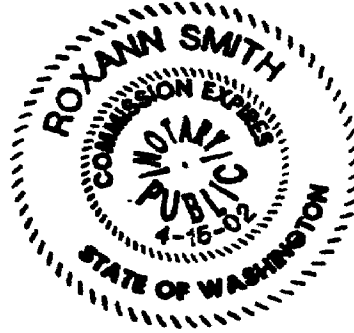
Elliott Hoole

Date: 4/29/98

United States of America)

State of Washington) ss.:

County of King)



On this 29th day of April, 1998, before me personally came Elliott Hoole, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith

Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

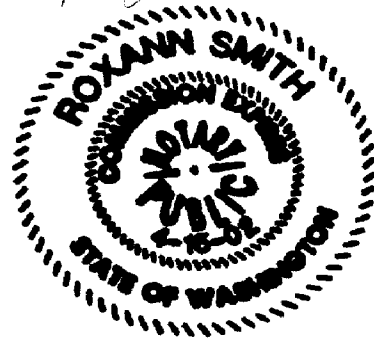
Mary Jesse
Mary Jesse

Date: 5/7/98

United States of America)

State of Washington) ss.:

County of King)



On this 7th day of May, 1998, before me personally came Mary Jesse, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith
Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

Robert Lee Maxwell

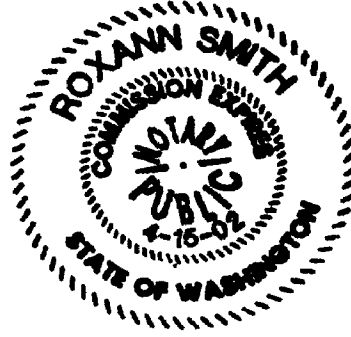
Robert Lee Maxwell

Date: 5/6/98

United States of America)

State of Washington) ss.:

County of King)

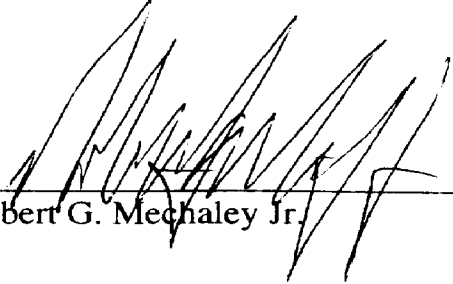


On this 6th day of May, 1998, before me personally came Robert Lee Maxwell, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith

Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3



Robert G. Mechaley Jr.

Date: August 17, 1998

United States of America)

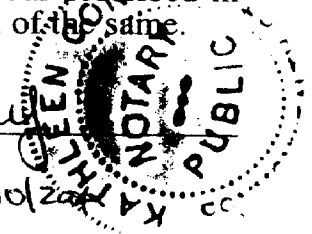
State of Massachusetts) ss.:

County of Middlesex)

On this 17th day of August, 1998, before me personally came Robert G. Mechaley Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Kathleen Conway
Notary Public

Expiration date 12/10/2000



B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

Robert Ray Naish

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 19____, before me personally came Robert Ray Naish, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

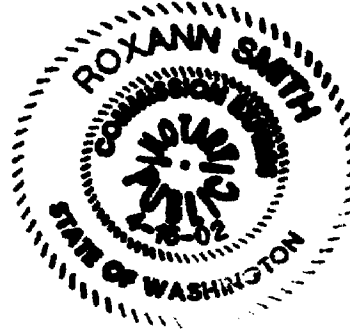
David J. Nix
David J. Nix

Date: 5/1/98

United States of America)

State of Washington) ss.:

County of KING)



On this 1st day of May, 1998, before me personally came David J. Nix, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Roxann Smith
Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

David James Ryan
David James Ryan

Date: 8-13-98

United States of America)
State of CALIFORNIA) ss.:
County of ALAMEDA)

On this 13 day of August, 19 98, before me personally came David James Ryan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Maria Y. K. Pann
Notary Public

B.G. Agee 2-2-2-7-6-2-9-4-4-2-4-3-4-3

David Stephenson

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 19____, before me personally came David Stephenson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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