

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David B. Gibbons</td><td>08/11/2000</td></tr><tr><td>Eamonn Gormley</td><td>07/24/2000</td></tr><tr><td>Kamyar Moinzadeh</td><td>11/01/2000</td></tr><tr><td>Liang A. Hong</td><td>10/05/2000</td></tr><tr><td>Elliott Hoole</td><td>08/30/2000</td></tr></tbody></table>		Name	Execution Date	David B. Gibbons	08/11/2000	Eamonn Gormley	07/24/2000	Kamyar Moinzadeh	11/01/2000	Liang A. Hong	10/05/2000	Elliott Hoole	08/30/2000
Name	Execution Date												
David B. Gibbons	08/11/2000												
Eamonn Gormley	07/24/2000												
Kamyar Moinzadeh	11/01/2000												
Liang A. Hong	10/05/2000												
Elliott Hoole	08/30/2000												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>AT&T Wireless Services, Inc.</td></tr><tr><td>Street Address:</td><td>7277 164th Avenue NE</td></tr><tr><td>City:</td><td>Redmond</td></tr><tr><td>State/Country:</td><td>WASHINGTON</td></tr><tr><td>Postal Code:</td><td>98052</td></tr></table>		Name:	AT&T Wireless Services, Inc.	Street Address:	7277 164th Avenue NE	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052		
Name:	AT&T Wireless Services, Inc.												
Street Address:	7277 164th Avenue NE												
City:	Redmond												
State/Country:	WASHINGTON												
Postal Code:	98052												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12427672</td></tr></tbody></table>		Property Type	Number	Application Number:	12427672								
Property Type	Number												
Application Number:	12427672												
CORRESPONDENCE DATA													
Fax Number: (206)757-7021 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 2067578021													
Email: kaybulen@dwt.com													
Correspondent Name: Heather M. Colburn													
Address Line 1: Suite 2200, 1201 Third Avenue													
Address Line 4: Seattle, WASHINGTON 981013045													
ATTORNEY DOCKET NUMBER:	65187-943												
NAME OF SUBMITTER:	Heather M. Colburn												

CH \$40.00 12427672

500901019

PATENT
REEL: 022904 FRAME: 0732

Total Attachments: 8

source=assignment 65187-943#page1.tif

source=assignment 65187-943#page2.tif

source=assignment 65187-943#page3.tif

source=assignment 65187-943#page4.tif

source=assignment 65187-943#page5.tif

source=assignment 65187-943#page6.tif

source=assignment 65187-943#page7.tif

source=assignment 65187-943#page8.tif

ASSIGNMENT AND AGREEMENT

For value received, we, David B. Gibbons, of Redmond in the County of King and State of Washington, Eamonn Gormley, of Seattle in the County of King and State of Washington, Liang A. Hong, of Redmond in the County of King and State of Washington, Elliott Hoole, of Redmond in the County of King and State of Washington, and Kamyar Moinszadeh, of Renton in the County of King and State of Washington, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 7277 164th Avenue NE, Redmond, Washington 98052, 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 **Establishing A Communication Channel In A Wireless Network**, described in an application for Letters Patent of the United States, Serial No. 09/597,043, filed June 20, 2000, and based on our prior provisional application, Serial No. 60/140,959, filed June 23, 1999, 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.

D. B. Gibbons
David B. Gibbons

Date: 8/11/00

United States of America)

State of Washington)ss:

County of KING)

On this 11th day of August, 2000 before me personally came David B. Gibbons, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ruby Tarr
Notary Public
STATE OF WASHINGTON
COMMISSION EXPIRES
8-27-04

Eamonn Gormley
Eamonn Gormley

Date: 07/24/2000

United States of America)

State of Washington)ss:

County of King)

On this 24 day of July, 2000, before me personally came Eamonn Gormley, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Laacy Kendall
Notary Public
My appl. expires 4/28/01

Liang A. Hong
Liang A. Hong

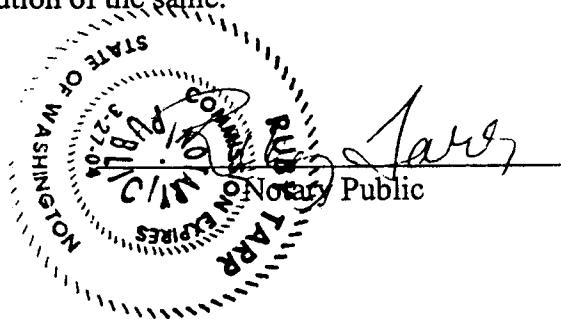
Date: 10/5/00

United States of America)

State of Washington)ss:

County of KING)

On this 5th day of October, 2000, before me personally came Liang A. Hong, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Elliott Hoole

Elliott Hoole

Date: 8/30/00

United States of America)

State of Washington)ss:

County of King)

On this 30 day of August, 2000, 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.

Tracy L. Kendall
Notary Public

TRACY L. KENDALL
MY APPOINTMENT EXPIRES: 4-28-01

Kamyar Moinzadeh

Date: _____

United States of America)

State of)ss:

County of)

On this _____ day of _____, 2000, before me personally came Kamyar Moinzadeh, 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 Corp.
P. O. Box 4110
Middletown, New Jersey 07748-4110

ASSIGNMENT AND AGREEMENT

For value received, I, Kamyar Moinzadeh, of Renton in the County of King and State of Washington, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 7277 164th Avenue NE, Redmond, Washington 98052, 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 **Establishing A Communication Channel In A Wireless Network**, described in an application for Letters Patent of the United States, Serial No. 09/597,043, filed June 20, 2000, and based on my prior provisional application, Serial No. 60/140,959, filed June 23, 1999, 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 I 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.

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.

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.

Attorney Docket Number: 1999-0341A

Date: 11/1/2000


Kamyar Moinzadeh

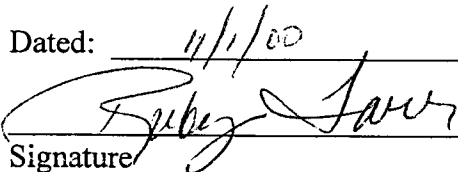
United States of America)

State of Washington) ss.:

County of KING)

I certify that I know or have satisfactory evidence that Kamyar Moinzadeh is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.



Dated: 11/1/00

Signature

Trademark & Patent Administrator
Title

My appointment expires 3-27-04

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110