

Reel Number: 1999-0341B

12-18-2000



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**PATENT**

11.21.00

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- ☐ Departmental File    ☐ Secret File

## Conveying Party(ies)

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Name (line 1)      Hong, Liang A.

Name (line 2)

Execution Date  
MMDDYYYY  
10/05/2000

## Second Party

Name (line 1)      Moinzadeh, Kamyar

Name (line 2)

Execution Date  
MMDDYYYY  
11/01/2000

## Receiving Party

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Name (line 1)      AT&amp;T Wireless Services, Inc.

Name (line 2)

Address (line 1)      7277 164th Avenue NE

Address (line 2)      Redmond, Washington 98052

Address (line 3)      United States of America

City, State/Country Zip Code

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09597016

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12/15/2000 6TON11 00000323 012745 09597016  
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**PATENT**  
**REEL: 011336 FRAME: 0040**

Docket Number: 1999-0341B

Page 2

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|----------------|--------------------------|--------------|------------|-----------------|--------------|
| <b>NAME</b>    | Samuel H. Dworesky       |              |            |                 |              |
| <b>ADDRESS</b> | AT&T CORP. P.O. Box 4110 |              |            |                 |              |
| <b>CITY</b>    | Middletown               | <b>STATE</b> | New Jersey | <b>ZIP CODE</b> | 07748-4110   |
| <b>COUNTRY</b> | United States of America |              |            | <b>FAX</b>      | 732-368-6932 |

**Pages** Enter the total number of pages of the attached conveyance document # 9  
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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) |
|------------------------------|------------------|
| 09/597016                    |                  |
| 60/140959                    |                  |

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

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Enter PCT application number  
only if a U.S. Application Number  
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Enter the total number of properties involved. # 2

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$80.00

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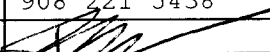
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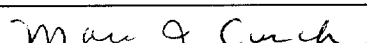
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

|                  |   |             |            |
|------------------|---|-------------|------------|
| <b>NAME</b>      | Benjamin S. Lee   |             |            |
| <b>TELEPHONE</b> | 908 221 5438  |             |            |
| <b>SIGNATURE</b> |  | <b>DATE</b> | 11/16/2000 |

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| <b>Type or Printed Name</b> | Mary J. Curch   |             |            |
| <b>Signature</b>            |  | <b>Date</b> | 11/16/2000 |

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**PATENT**  
**REEL: 011336 FRAME: 0041**

Docket Number:

1999-0341B

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**PATENT**

**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached*Enter Additional Conveying Parties*

|               |                  |  |
|---------------|------------------|--|
| Name (line 1) | Nguyen, Luong P. | Execution Date<br>MMDDYYYY<br>08/15/2000 |
| Name (line 2) |                  |  |
| Name (line 1) |                  | Execution Date<br>MMDDYYYY               |
| Name (line 2) |                  |  |
| Name (line 1) |                  | Execution Date<br>MMDDYYYY               |
| Name (line 2) |                  |  |

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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) |
|                              |                  |

## ASSIGNMENT AND AGREEMENT

For value received, we, Liang A. Hong, of Redmond in the County of King and State of Washington, Kamyar Moinzadeh, of Renton in the County of King and State of Washington, and Luong P. Nguyen, of Everett in the County of Snohomish 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 164<sup>th</sup> 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 **Polling Methods For Use In A Wireless Communication System**, described in an application for Letters Patent of the United States, Serial No. 09/597,016, 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.

Date: 10/5/00

Liang A Hong  
Liang A Hong

United States of America )

State of Washington )ss:

County of KING )

On this 5<sup>th</sup> 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.



Ruby Tarr  
Notary Public

---

Kamyar Moinzadeh

Date: \_\_\_\_\_

United States of America )

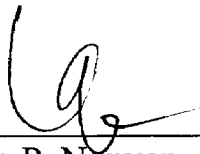
State of )ss:

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

  
\_\_\_\_\_  
Luong P. Nguyen


Date: 8/15/2000

United States of America )

State of Washington )ss:

County of King )

On this 15 day of August, 2000, before me personally came Luong P. Nguyen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public  
My appt. expires 4/28/01

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 164<sup>th</sup> 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 **Polling Methods For Use In A Wireless Communication System**, described in an application for Letters Patent of the United States, Serial No. 09/597,016, 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.

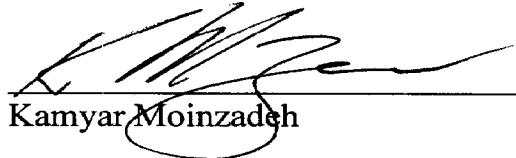
I request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.



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: 1999-0341B

Date: 11/1/2000

  
Kamyar Moinzadeh

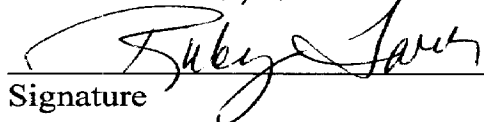
United States of America )

State of Washington ) ss.:

County of KING )

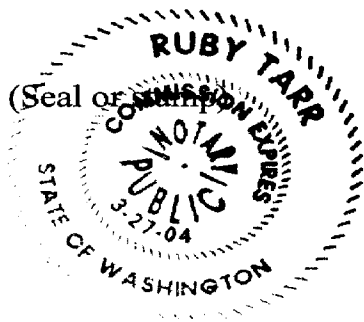
I certify that I know or have satisfactory evidence that Kamyar Moinzadeh is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

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