

Docket Number: 111884

05-04-2001

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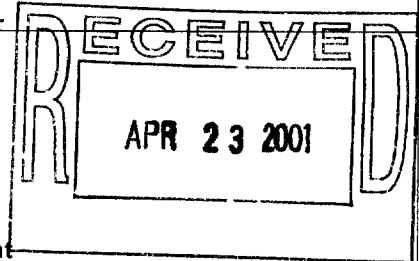
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Name (line 1) Alamouti, Siavash

Execution Date

MMDDYYYY

Name (line 2)

09/09/1998

Second Party

Name (line 1) Frank Stolarz

Execution Date

MMDDYYYY

Name (line 2)

09/02/1998

Receiving Party

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

☐ 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) 7277 164th Avenue NE

Address (line 2) Redmond, Washington 98052

Address (line 3) United States of America

City, State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name (line 1)

Address (line 1)

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PATENT
REEL: 011747 FRAME: 0332

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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. Dworetsky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America			FAX	732-368-6932

Pages Enter the total number of pages of the attached conveyance document # 4
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)
09/128738	

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

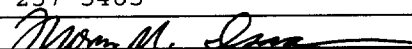
Method of Payment :Enclosed ☐ Deposit Account ☒**Deposit Account**

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Deposit Account Number: 01-2745


Authorization to charge additional fees: ☒ Yes ☐ No**STATEMENT AND 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	Thomas M. Isaacson		
TELEPHONE	410-257-5485		
SIGNATURE		DATE	4/20/01

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 4/20/01

Type or Printed Name	Rosemary Drazanovich		
Signature		Date	4/20/01

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PATENT
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Docket Number: 111884

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

Name (line 1)	Stolarz, Douglas Frank	Execution Date MMDDYYYY
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Name (line 1)		Execution Date MMDDYYYY
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Name (line 1)		Execution Date MMDDYYYY
Name (line 2)		

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	City, State/Country Zip Code	
<input type="checkbox"/> 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)

ASSIGNMENT AND AGREEMENT

For value received, we, Siavash Alamouti, of Kirkland in the County of King and State of Washington, Joel E. Becker, of Hauppauge in the County of Suffolk and State of New York, and Douglas Frank Stolarz, of Seattle 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 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 **Vertical Adaptive Antenna Array** described in an application for Letters Patent of the United States, Serial No. 09/128738, filed August 5, 1998, 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.

S. Alamouti 10-3-3

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.



Siavash Alamouti

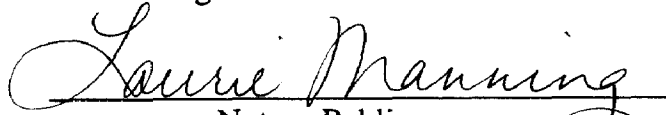
Date: 9/9/98

United States of America)

State of Washington) ss.:

County of King)

On this 9th day of September, 1998, before me personally came Siavash Alamouti, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



S. Alamouti 10-3-3

Joel E. Becker

Date:_____

United States of America)

State of) ss.:

County of)

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

Notary Public

S. Alamouti 10-3-3

Douglas F. Stolarz
Douglas Frank Stolarz

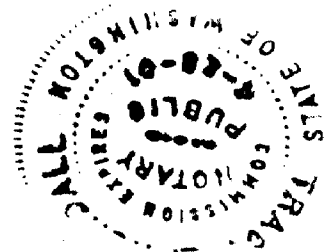
Date: September 2, 1998

United States of America)
State of Washington) ss.:
County of King)

On this 2nd day of September, 1998, before me personally came Douglas Frank Stolarz, 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



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