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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANG-SEOK CHOI	05/16/2003
BYOUNG-JO KIM	05/29/2003
HUI LUO	05/29/2003
ANDREAS MOLISCH	05/16/2003
MOE Z. WIN	06/03/2003
JACK HARRIMAN WINTERS	04/28/2003

RECEIVING PARTY DATA

Name:	AT&T CORP.
Street Address:	32 AVENUE OF THE AMERICAS
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10013-2412

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15151561

CORRESPONDENCE DATA

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Correspondent Name: AT&T LEGAL DEPARTMENT - GG ATTN: PATENT

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ATTORNEY DOCKET NUMBER:	7785-1049-06 (1/3)
NAME OF SUBMITTER:	ROBERT GINGHER
SIGNATURE:	/Robert Gingher/
DATE SIGNED:	05/16/2016

Total Attachments: 8

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ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Yang-Seok Choi of Marlboro in the County of Monmouth and State of New Jersey, Byoung-Jo J Kim of Morganville in the County of Monmouth and State of New Jersey, Hui Luo of Marlboro in the County of Monmouth and State of New Jersey, Andreas Molisch of North Plainfield in the County of Union and State of New Jersey, Moe Z. Win of Cambridge in the County of Cambridge and State of Massachusetts, and Jack Harriman Winters of Middletown in the County of Monmouth and State of New Jersey, hereby sells, assigns and transfers to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Method Of Selecting Receive Antennas For MIMO Systems

described in an application for Letters Patent for the United States of America

Transition of the order of the order,
of for which an application for a United States Patent was executed by each of the undersigned of even date herewith or
\boxtimes for which an application for a United States Patent was filed on $\underline{12/19/2002}$ Application Number $\underline{10/324168}$
and based on our prior provisional application for a United States Patent filed onApplication Number
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 the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all

The undersigned authorize AT&T Corp. 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 the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

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.

The undersigned 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 Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Corp. 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.

	2 65
Yang-See	ok Choi
Date: May 16th 2003	
United States of America)
State of Washington County of Spokane) ss.:
County of Spokane)
On this day of May Choi, to me known to be the individual de and acknowledged execution of the same.	, 2003 before me personally came Yang-Seok escribed in and who executed the foregoing instrument,
	Notary Public Stat of Washington Anastasia Lette
AT&T CORP.	My comission expires 9/19/
P.O. Box 4110	~ ************************************

Middletown, New Jersey 07748-4110

Byoung-Jo J Kim

Date: 5/29/03

United States of America

State of MJ.) ss.:
County of Monmouth)

On this <u>29</u> day of <u>Moy</u>, <u>2003</u>before me personally came Byoung-Jo J Kim, 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.

AT&T CORP.

Notary Public of New Jersey

My Commission Expires Sept. 3, 2004

Middletown, New Jersey 07748-4110

Huidho	Attorney Docket Number: 2002-0004
Huiffuo	
Date: $\frac{5/29/02}{}$	
United States of America)
State of NJ County of Mormouth) ss.:
County of Mormouth) .
On this 29 day of May known to be the individual described in an acknowledged execution of the same.	Joobbefore me personally came Hui Luo, to me d who executed the foregoing instrument, and South Sullo Notary Public

TERESA SULLO

Notary Public of New Jersey
My Commission Expires Sept. 3, 2004

P.O. Box 4110 Middletown, New Jersey 07748-4110

AT&T CORP.

	Andreas Molisch Andreas Molisch	vch
Date: 16 May 2003		
United States of America)
State of	SUSAN KIMBERLY SHIRER Notary Public, State of Texas) ss.:
County of	My Commission Expires September 24, 2006)
	may, 2x3before me ndividual described in and who executed he same.	
	Suscer Kimbert Notary Public	lyShrice

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

Attorney Docket Number: 20	02-0004
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Moe Z. With	
Date: <u>6/3/03</u>	
United States of America)
State of Communicath of masoncharello) ss.:
County of Middlesex)
On this 9th day of, 2003 before me me known to be the individual described in and who executed acknowledged execution of the same.	personally came Moe Z. Win, to the foregoing instrument, and

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

)

) ss.:

Jack Harriman Winters

Date: 4/28/03

United States of America

State of new freely

County of Moanocutt

Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

ANNETTE ROWAN
AOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 26, 2006

PATENT REEL: 038606 FRAME: 0074

RECORDED: 05/16/2016