502795842 05/05/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IOANNIS TZANIDIS	05/02/2014
GEORGE ZOHN HUTCHESON	05/02/2014
YANG LI	05/02/2014
JUNGSUEK OH	05/02/2014
WONBIN HONG	05/02/2014
GARY XU	05/02/2014
ZIANZHONG ZHANG	05/02/2014

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO
Internal Address:	YEONGTONG-GU, SUWON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14269962

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	2013.05.016.SR0
NAME OF SUBMITTER:	MICHAEL G. RODRIGUEZ
SIGNATURE:	/Michael G. Rodriguez/
DATE SIGNED:	05/05/2014
	FAILNI

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Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

ASSIGNMENT

WHEREAS, We, loannis Tzanidis, resident of Dallas, Dallas County, Texas, citizen of Greece, George Zohn Hutcheson, resident of Richardson, Collin County, Texas, citizen of the United States, Yang Li, resident of Plano, Collin County, Texas, citizen of China, Jungsuek Oh, resident of Fairview, Collin County, Texas, citizen of the Republic of Korea, Wonbin Hong, resident of Seoul, Republic of Korea, eitizen of Republic of Korea, Gary Xu, resident of Allen, Collin County, Texas, citizen of the United States, and Jianzhong Zhang, resident of Plano, Collin County, Texas, citizen of China, and have invented certain new and useful improvements in "METHOD AND APPARATUS FOR MINIATURIZATION OF MIMO SYSTEMS VIA TIGHTLY COUPLED ANTENNA ARRAY" disclosed in an application for United States Letters Patent (Application No. ________, filed ________), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742. Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; I authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all

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Bozzerazy GG Cycl Vill	ing possible to is and legal repre	sue and substitute applications, and make all lawful vest title in said ASSIGNEE and to aid said esentatives to obtain and enforce proper protection
IN WITNESS WHEREO	F, I have hereur	nto set my hand and seal this day of
		Ioannis Tzanidis
STATE OF TEXAS COUNTY OF	§ § §	
On this day of		2014, before me, a Notary Public in and for the
named above who signed and seal his/her own free act and deed.	led the foregoing	oannis Tzanidis, known to me to be the person g instrument, and acknowledged the same to be
named above who signed and seal	led the foregoing	Oannis Tzanidis, known to me to be the person g instrument, and acknowledged the same to be Notary Public, State of Texas
named above who sighed and seal	led the foregoing	g instrument, and acknowledged the same to be
manion above who sighed and seal	led the foregoing	Notary Public, State of Texas
named above who sighed and seal	led the foregoing	Notary Public, State of Texas
named above who signed and seal	led the foregoing	Notary Public, State of Texas
named above who signed and seal	led the foregoing	Notary Public, State of Texas

	George Zohn Hutcheson
STATE OF TEXAS	§ c
COUNTY OF	\$ \$
On this day of State and County aforesaid, personamed above who signed and send his/her own free act and deed.	, 2014, before me, a Notary Public in and for the bonally appeared George Hutcheson, known to me to be the personaled the foregoing instrument, and acknowledged the same to be
	Notary Public, State of Texas
	My Commission Expires:
	그는 일이 그렇는 물로 이 교육이다. 그는 그를 하는 것 같은 사람들이 없는 것이 아니라 하는 것은 사람들이 모든 것이다.

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Date: 5/2/2014	Yang Li
STATE OF TEXAS	\$
COUNTY OF COLLY	§ §
and County atolesaid, Deixini	, 2014, before me, a Notary Public in and for the ally appeared Yang Li, known to me to be the person named pregoing instrument, and acknowledged the same to be his/her
	Notary Public, State of Texas My Commission Expires:

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Date: May 2, 2018	Jungsuek Oh
STATE OF TEXAS	§ .
COUNTY OF	\$ \$ \$
State and County atolesaid, persona	, 2014, before me, a Notary Public in and for ally appeared Jungsuek Oh, known to me to be the person nam
State and County atolesaid, persona	, 2014, before me, a Notary Public in and for ally appeared Jungsuek Oh, known to me to be the person nam oregoing instrument, and acknowledged the same to be his/

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Date: <u><5/2/</u>	14		Wonbin Hong
STATE OF TEXAS	S	\$ \$ \$	
On this	foresaid, personall signed and sealed t	v appeared W	014, before me, a Notary Public in and for the /onbin Hong, known to me to be the person instrument, and acknowledged the same to be
			Notary Public, State of Texas
			My Commission Expires:

Date: $05/02/2014$	Gary Xu
STATE OF TEXAS	§ §
COUNTY OF	\$ \$
State and County aforesaid, perso	, 2014, before me, a Notary Public in and for the nally appeared Gary Xu, known to me to be the person name foregoing instrument, and acknowledged the same to be his/he
State and County aforesaid, perso above who signed and sealed the	onally appeared Gary Xu, known to me to be the person name
State and County aforesaid, perso above who signed and sealed the	onally appeared Gary Xu, known to me to be the person name foregoing instrument, and acknowledged the same to be his/he

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Date: 5/1/2014	(W W
	Jianzhong Zhang
STATE OF TEXAS	Ş
COUNTY OF	\$ \$ \$
otate and County aforesaid, personally	, 2014, before me, a Notary Public in and for the appeared Jianzhong Zhang, known to me to be the person the foregoing instrument, and acknowledged the same to be
	Notary Public, State of Texas
	My Commission Expires:
	아니라 하는 살이 들어 들어 그릇이 되었다면 살아가 되었다면 하는데 하는데 하는데 하는데 하는데 되었다.