PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARIS PAPASAKELLARIOU	03/21/2014
BOON LOONG NG	03/21/2014

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:	14222026

CORRESPONDENCE DATA

Fax Number:

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

US Mail.

Phone: 927-628-3600

Email:patents@munckwilson.comCorrespondent Name:DOCKET CLERK - SAMSAddress Line 1:P.O. DRAWER 800889Address Line 4:DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	2013.03.028.SR0
NAME OF SUBMITTER:	MICHAEL G. RODRIGUEZ
SIGNATURE:	/Michael G. Rodriguez/
DATE SIGNED:	03/21/2014

Total Attachments: 3

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PATENT 502733489 REEL: 032499 FRAME: 0363

ASSIGNMENT

WHEREAS, We, Aris Papasakellariou, resident of Houston, Harris County, Texas, citizen o
the United States of America, and Boon Loong Ng, resident of Dallas, Dallas County, Texas, citizen
of Australia, have invented certain new and useful improvements in "AGGREGATION OF FDI
AND TDD CELLS" 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 divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

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MARCH	_, 2014.				
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STATE OF TEXA	IS	\$			
COUNTY OF		§ § §			
On this State and County a named above who his/her own free a	signed and sealed	ly appeared Ari I the foregoing	2014, before me, a Notary is Papasakellariou, known t instrument, and acknowle	Public in an one to be the degree of the sa	d for the ne person me to be
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named above who	signed and sealed	, 2 ly appeared Ari I the foregoing	instrument, and acknowle	dged the sa	d for the ne person me to be
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Date: 3/11/2014	Boon Loong Ng
STATE OF TEXAS	\$ \$ \$
COUNTY OF	
named above who signed and sealed the his/her own free act and deed.	appeared Boon Loong Ng, known to me to be the person ne foregoing instrument, and acknowledged the same to be
	Notary Public, State of Texas
	My Commission Expires:

PATENT REEL: 032499 FRAME: 0366

RECORDED: 03/21/2014