PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3968953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EKO ONGGOSANUSI	07/13/2016
HONGBO SI	07/13/2016
YOUNG-HAN NAM	07/19/2016

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:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15214274

CORRESPONDENCE DATA

Fax Number: (972)628-3616

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

Phone: 927-628-3600

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

ATTORNEY DOCKET NUMBER:	2015.09.017.SR0
NAME OF SUBMITTER:	JACOB L. LACOMBE
SIGNATURE:	/Jacob L. Lacombe/
DATE SIGNED:	07/19/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET. (37 CFR 1.76) AND ASSIGNMENT

This combined declaration and assignment is directed to: Clusted States application or PCT International application number	Title of Invention	METHOD AND APPARATUS FOR CSI REPORTING		
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung-ro, Yeongtong-gu Sawon-si, Oyeonggi-sia, 16077, Korea (thereiantier referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries; NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named inventors, hereby self, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications, applications, and corresponding priority applications, applications, and corresponding priority applications, and corresponding priority applications, applications, and assigns therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications, and corresponding priority applications, and corresponding priority applications, and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successor	As the undersigned inventor, I hereby declare that:			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung ro, Yeongtong gu Sawon-si. Gyeonggi-do. 16077, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries: NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified applications, and corresponding priority applications, including these to which priority is claim under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof. We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from as. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in foreign countries without further authorization from as. Also, we agree to execute all papers and generally to do		directed to: United States application or PCT International application number		
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inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof. We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries. It hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imptisonment of not more than five (5) years, or both. LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name) Inventor: Eko Onggosanusi Date:	WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, 16677, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;			
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U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name) Inventor:Eko Onggosanusi	We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.			
Inventor: <u>Eko Onggosanusi</u> Date: <u>97/3/2016</u>	I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Inventor: <u>Eko Onggosanusi</u> Date: <u>97/3/2016</u>				
and the state of t	LEGAL NAM			
Signature:	Inventor: Eko Onggosanusi Date: 0/13/2016			

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LEGAL NAME OF SECOND INVENTOR (e.g., to 8 fa	irst name, middle initial, last name)	
Inventor: Hongbo Si	Date: 07/13/2016	
Signature: 10x100-20		
E. wet		

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Young-Han Nam	Date:	
Signature:		

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RECORDED: 07/19/2016

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