### 502840044 06/05/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2886640

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
YOO JIN CHOI			06/04/2014		
DONGWOON BAI			06/04/2014		
JUNGWON LEE			06/04/2014		
INYUP KANG			06/05/2014		
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State/Country:	REPU	BLIC OF KOREA			
Postal Code:	443-74	12			
Application Number:		14297327			
Property TypeApplication Number:1429		14297327			
	ΔΑΤΑ				
Fax Number:	na aant t	o the e-mail address first; if that is u	noussessful it will be sent		
		d; if that is unsuccessful, it will be s			
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Address Line 2: Address Line 4: ATTORNEY DOCKET N	UMBER:	3150 DE LA CRUZ BLVD. STE.206 SANTA CLARA, CALIFORNIA 95054			
Address Line 2: Address Line 4: ATTORNEY DOCKET N	UMBER:	3150 DE LA CRUZ BLVD. STE.206 SANTA CLARA, CALIFORNIA 95054			
Address Line 2:	UMBER:	3150 DE LA CRUZ BLVD. STE.206 SANTA CLARA, CALIFORNIA 95054 49-009			
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#### Total Attachments: 4

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	COMPUTING SYSTEM WITH POWER ESTIMATION MECHANISM AND METHOD OF OPERATION THEREOF
As the unders	gned inventor, I hereby declare that:
This combine assignment is	I declaration and UThe attached application, or directed to: IDM Multed States application or PCT International application number_14/297,327 filed on05 June 2014
The above-ide	ntified application was made or authorized to be made by me.
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application.
	ed and understand the contents of the application including the claims, for which this combined declaration and being submitted.
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR
Suwon-si, Gy	iamsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu conggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;
inventors, here above-identifi applications, a Convention of	EFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named eby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the ed application and the invention disclosed therein in all countries, including all divisional applications, continuation and corresponding priority applications including those to which priority is claimed under the International "Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted Il reissues thereof.
granted, to sai apply for pate papers and get	horize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when d ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may nts for the invention in foreign countries without further authorization from us. Also, We agree to execute all uerally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing invention in all countries.
	owledge that any willful false statement made in this combined declaration and assignment is punishable under 18 y fine or imprisonment of not more than five (5) years, or both.
LEGAL NAM	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)
Inventor: <u>Yoo</u>	Jin Choi Date: 6/4/2014
Signature:	Guejin an
LEGAL NAM	E OF SECOND INVENTOR (e.g., full first name, middle initial, last name)
Inventor: <u>Don</u>	gwoon Bai Date:
Signature:	

PATENT REEL: 033042 FRAME: 0331

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

SSI Ref No.: W/	1-201402-001-1; IPILG Ref No.: 49-009
Title of Invention	COMPUTING SYSTEM WITH POWER ESTIMATION MECHANISM AND METHOD OF OPERATION THEREOF
As the undersi	gned inventor, I hereby declare that:
This combined assignment is o	I declaration and The attached application, or directed to: SUnited States application or PCT International application number 14/297,327 filed on05 June 2014
The above-ide	ntified 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.
	d and understand the contents of the application including the claims, for which this combined declaration and being submitted.
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR
Suwon-si, Gye	amsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung-ro, Yeongtong-gu conggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;
inventors, here above-identifies applications, a Convention of	SFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named aby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the ed application and the invention disclosed therein in all countries, including all divisional applications, continuation and corresponding priority applications including those to which priority is claimed under the International Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted Il reissues thereof.
granted, to said apply for pater papers and ger	horize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when d ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may its for the invention in foreign countries without further authorization from us. Also, We agree to execute all herally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing invention in all countries.
I hereby ackno U.S.C. 1001 bj	wledge that any willful false statement made in this combined declaration and assignment is punishable under 18 y fine or imprisonment of not more than five (5) years, or both.
I FGALNAM	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)
	Jin Choi Date:
Signatare,	
,	
1	E OF SECOND INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Don	<u>rwoon Bai</u> Date: 6/4/20/4 Dai Jacen
Signature: 🏒	bai Daugiereen
L	

#### PATENT REEL: 033042 FRAME: 0332

LEGAL NAME OF THIRD INVENTOR	(e.g., ful	I first name, middle initial, last name)
Inventor: Jungwon Lee	Date:	6/4/14
Signature:		
LECALMANE OF COURTLE INVENT	00 (0.5	6.8 Cast game middle initial last name)

and the second	
Inventor: Invup Kang Date:	
Signature:	

LEGAL NAME OF THIRD U	NVENTOR (e.g., full first name,	middle initial last name)		
Inventor: Jungwon Lee	Date:			
Signature:				
				J
	1 INVENTOR (e.g., full first nam			
Inventor: Inyup Kang	Date:6/5	~		
Signature:				
- Caretter				
				κ.
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**RECORDED: 06/05/2014**