503722745 03/04/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
			Name		Execution Date	
ANDREW TOMLIN					03/03/2016	
JUSTIN JONES					03/02/2016	
	T A					
RECEIVING PARTY DA			ELECTRONICS CO., LTD			
Street Address:			JNG-RO			
Internal Address:			IG-GU, SUWON-SI			
City:	GYEO					
State/Country:			PUBLIC OF			
Postal Code: 443-742						
PROPERTY NUMBERS	Total: 1					
Property Type			Number]		
Application Number:			1525	-		
				1		
CORRESPONDENCE D	ATA					
Fax Number:		• •	938-9069			
			e-mail address first; if that is uns hat is unsuccessful, it will be sen			
Phone:	UUVIUE		938-9060		nan.	
Email:		swarr	ren@mhbpatents.com			
Correspondent Name:		MUR	ABITO, HAO & BARNES LLP			
Address Line 1:		TWO	NORTH MARKET STREET			
Address Line 2:		THIR	D FLOOR			
Address Line 4:		SAN	JOSE, CALIFORNIA 95113			
ATTORNEY DOCKET NU	JMBER:		SSIC-WB-201504-006-1			
NAME OF SUBMITTER:			JAMES P. HAO			
SIGNATURE:			/James P. Hao/			
DATE SIGNED:			03/04/2016	03/04/2016		
Total Attachments: 4						
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COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title: A MULTIMODE STORAGE DEVICE

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

The attached U.S. non-provisional patent application, or

 \square U.S. non-provisional patent application number <u>14/841,525</u> filed on <u>11/13/2015</u>, or

PCT international patent application number ______, filed on

The above-identified application was made or authorized to be made by me (us).

······

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

SEC Ref No.	WB-201504-006-1	Attorney Ref No	WB-201504-006-1
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¹ This form requires the use of an Application Data Shoot

I (we) hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or

I hereby state that I have reviewed and understand the contents of the above identified

application, including the claims.

مستحد بيهوم - ----- بور ير

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of and according to the provisions of the Assignor's employment agreement(s), the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention or design described in the application identified in Section 1 of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions or designs as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SEC Ref No: WB-201504-006-1 Attorney Ref No. WB-201504-006-1

COMBINED DECLARATION (37 CFR 1:63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 2 of 4

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Murabito, Hao & Barnes LLP the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND	TOMLIN	Andrew	
			1
	A.V.A.	DATE	2311
SIGNATURE ∠	VIII	<u></u>	3/3/16
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C Ref No. WB-	201504-006-1	Attorney Ref No:V	VB-201504-006-1
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SAMSUNG ELECTRONICS CO., LTD.

•	•	×.	•

		Second Given Name
JONES	Justin	
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\checkmark	DATE	3/2/2016
	JONES	JONES Justin DATE

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PATENT REEL: 037896 FRAME: 0418

RECORDED: 03/04/2016