504349030 05/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4395718

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYAN	ICE:	ASSIGNMENT		
CONVEYING PARTY D	АТА			
		Name	Execution Date	
HEONSOO LEE			04/04/2017	
JAECHUL PARK			04/04/2017	
JONGHOON SHIN			04/04/2017	
YOUNGJIN CHUNG			04/04/2017	
HONG-MOOK CHOI			04/04/2017	
RECEIVING PARTY DA	ТА			
Name:	SAMSUI	NG ELECTRONICS CO., LTD.		
Street Address:	129, SAI	MSUNG-RO, YEONGTONG-GU.		
City:	SUWON	I-SI, GYEONGGI-DO		
State/Country:	KOREA,	KOREA, REPUBLIC OF		
Postal Code: PROPERTY NUMBERS	16677 Total: 1			
Postal Code:		Number		
Postal Code: PROPERTY NUMBERS Property Type	Total: 1	Number 5585253		
Postal Code: PROPERTY NUMBERS Property Type Application Number:	Total: 1			
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Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	Total: 1 1 ATA (! e sent to provided; 5 m F 1 V	5585253 516)692-8889 the e-mail address first; if that is unsuccessf if that is unsuccessful, it will be sent via US 516-692-8888 nail@chauiplaw.com F. CHAU & ASSOCIATES, LLC 30 WOODBURY ROAD WOODBURY, NEW YORK 11797		
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Total Attachments: 5

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COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY 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: COMPUTING SYSTEM HAVING AN ON-THE-FLY ENCRYPTOR AND AN OPERATING METHOD THEREOF

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

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

U.S. non-provisional patent application number ________ filed on _______, 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.

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 both.

3	This form	requires the	use of an	Application Data Sheet.	
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SEC Ref No.

IB-201605-065-1-US0

Attorney Ref No.

8729-448 DOI/rdr (IB-260507-US)

PATENT REEL: 042221 FRAME: 0950

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

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 the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, 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 16677, 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 described in the application identified in Section I 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 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;

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

SEC Ref No.	TB-201605-065-1-US0	Attorney Ref No.	8729-448 DOI/rdr (1B-260507-US)
	CLARATION (37 CFR 1.63) FOR UTILITY		
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REEL: 042221 FRAME: 0951

countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, 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 F.Chau & Associates, LLC 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 FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
SIGNATURE	Heonsoc Le	DATE	<u>414 12017</u>



COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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PATENT REEL: 042221 FRAME: 0952

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	PARK	JAECHUL	1
SIGNATURE	PJP	DATE	44-12017

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD NVENTOR/ASSIGNOR	SHIN	JONGHOON	

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHUNG	YOUNGJIN	
SIGNATURE	<u> </u>	DATE	414/219
l	**************************************		

SEC Ref No.	IB-201605-065-1-US0	Attorney Ref No.	8729-448 DOI/rdr
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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PATENT REEL: 042221 FRAME: 0953

Family Name	First Given Name	Second Given Name
СНОІ	Hong-Mook	· · · · · · · · · · · · · · · · · · ·
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	Nor 9, 8 Nor 8	CHOI Hong-Mook

SEC Ref No. IB-201605-065-1-US0 Attorney Ref No. 8729-448 DOU/rdr (IB-260507-US) COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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RECORDED: 05/03/2017

