PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYOUNG-HWAN ROH	10/23/2014
IL-JONG SONG	10/01/2014
YO-HAN JANG	10/23/2014

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14580322

CORRESPONDENCE DATA

(571)283-0740 Fax Number:

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: 5712830720

Email: aloomis@volentine.com **VOLENTINE & WHITT, PLLC** Correspondent Name:

Address Line 1: 11951 FREEDOM DRIVE, SUITE 1300

Address Line 4: RESTON, VIRGINIA 20190

ATTORNEY DOCKET NUMBER:	SEC.3568	
NAME OF SUBMITTER:	ADAM C. VOLENTINE	
SIGNATURE:	/ADAM C. VOLENTINE/	
DATE SIGNED:	12/29/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 034590 FRAME: 0541

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersi	gned acknowledges that this do	cument is being used both	as an assignment of
the inventio	on and as the declaration (37 CFI	R 1.63) for a Utility or Desig	n Application.
WHEREAS, t	the undersigned, hereinafter ref	erred to collectively as Assi	ignor, has invented:
Title: NFC	C ANTENNA MODULE AND NFC	MODULE INCLUDING THE :	SAME
for which As	ssignor is about to make or has r	made United States or Inter	mational application
for patent.			
WHEREAS, a	is a below named inventor(s), I/	(we) hereby declare that:	
Section I. D	eclaration		
This declarat	tion is directed to:		
\boxtimes	The attached U.S. non-provis	ional patent application, o	r
	U.S. non-provisional patent a on	pplication number _ , or	, filed
	PCT international patent appl	ication number	filed on
The above-in	dentified application was made o		
(we) believe	e that I am (we are) the original the above-identified application	inventor (original joint inve	
(we) hereby ounishable u ooth.	y acknowledge that any willful fa Inder 18 U.S.C. 1001 by fine or in	alse statement made in this inprisonment of not more t	declaration is han five (5) years, or
This form req	quires the use of an Application Data S	heet.	
SEC Ref No.	IB-201302-028-1-US0	Attorney Ref No	SEC.3568

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SAMSUNG ELECTRONICS CO., LTD.

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 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 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 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-

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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM 2515161412129143

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 VOLENTINE & WHITT, PLLC 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	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	ROH	HYOUNG-HWAN	
SIGNATURE	Roh Hyoung Hwar	DATE	2014.10.23
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LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	SONG	IL-JONG	
SIGNATURE	Song Il-Jona	DATE	2014.10.1
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LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD			
INVENTOR/ASSIGNOR	JANG	YO-HAN	
	<u> </u>		Electric and the second

SIGNATURE Jung, Johan

DATE 2014, 10.2

SEC Ref No. IB-201302-028-1-US0 Attorney Ref No. SEC.3568

RECORDED: 12/29/2014

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