05/10/2016 503819588

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOWARD NUK	11/09/2015
JINSEOK HWANG	11/05/2015
ALEX MILLIE	02/03/2016
SEOUNGHYUN SON	11/05/2015
JEFF JONES	11/05/2015
JIYEON LEE	11/05/2015

RECEIVING PARTY DATA

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Street Address:	129, SAMSUNG-RO
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State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29544096

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	29076US01
NAME OF SUBMITTER:	CHRISTOPHER V. CARANI
SIGNATURE:	/Christopher V. Carani/
DATE SIGNED:	05/10/2016

PAIENI **REEL: 038537 FRAME: 0533** 503819588

Total Attachments: 8 source=29076US01_assignment#page1.tif source=29076US01_assignment#page2.tif source=29076US01_assignment#page3.tif source=29076US01_assignment#page4.tif source=29076US01_assignment#page5.tif source=29076US01_assignment#page6.tif source=29076US01_assignment#page7.tif source=29076US01_assignment#page8.tif

PATENT REEL: 038537 FRAME: 0534

ASSIGNMENT

	good a	AS A BELOW NAMED INVENTOR, I and each of us, individually hereby declare that: IN DERATION of the sum of ONE DOLLAR (\$1.00) or the equivalent thereof, and other nd valuable consideration, the receipt of which from the hereinafter named ASSIGNEE is acknowledged. I do hereby sell, assign and forever grant and convey unto:
•	ASSIG	NEE: Samsung Electronics Co., Ltd.
n maran 1 da e sha sanan a cha sha chadh e chin a chadh a chin a chadh a chin a chadh a chin a chadh a chin a c	ADDRE	ESS: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea
	right, til	Who is my ASSIGNEE, and to the successors and assigns of my ASSIGNEE, all my tle and interest, in and for the United States of America and all other countries, including s of priority, in and to the invention entitled:
·	TITLE:	NETWORK HUB
	<i>below</i>) either a	d by me (if only one inventor is named below) or us (if more than one inventor is named and described in an application for a United States patent, the specification of which is attached hereto or otherwise accompanies this Assignment or indicates an Attorney No. 29076US01 (DSS15-0044-US0), or is more particularly identified as:
	***********	executed on even date herewith, or
		Serial No. 29/544,096 filed in the U.S. Patent and Trademark Office on October 30, 2015, or
		executed on,
	to all o	and to all United States patents which may be granted thereon and therefore, and in and certificates of corrections, divisions, continuations, continuations-in-part, divisionals, appeals, reissues, reexaminations, substitutions and any extensions thereof; said

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, divisionals, designs, appeals, reissues, reexaminations, substitutions and any extensions thereof; said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term, terms or any extension of renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the ASSIGNEE, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, reexamination, in any amendment, extension or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said ASSIGNEE;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said patent for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

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AND I further authorize and direct the ASSIGNEE and its attorney to insert above the serial number and filing date of said application as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

AND I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof:

IN WITNESS WHEREOF, I/we have set our hands and seals on the dates written beside my/our respective names:

IN	٧	E	N	T	0	R	1

ASSIGNOR:

Howard NYIK

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ASSIGNOR:

Jinseok HWANG

Date: // 05. 23/5

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AND I further authorize and direct the ASSIGNEE and its attorney to insert above the serial number and filing date of said application as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

AND I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hands and seals on the dates written beside my/our respective names:

INVENTOR 1		
ASSIGNOR:		
Danne	Date: 6.3.1 6	
Alex MILLIE		

INV	E	N	T	O	R	4

ASSIGNOR:	
Mala	Date: 11, 5, 15
Seounghyun SON	
Seounghyun SON	

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Attorney Docket No. 29076US01 (DSS15-0045-US0)

INVENTOR 5

ASSIGNOR:

Jeff JONES

Date: 11-5-15

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Attorney Docket No. 29076US01 (DSS15-0045-US0)

INVENTOR 7		
ASSIGNOR:		
	Date:	
Jeremy David BAKER		

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