504704101 12/26/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KONSTANTIN MOROZOV	12/21/2017
ANDRII VOLOCHNIUK	12/21/2017
JUNG-KEE LEE	12/22/2017
OLEKSANDR SHCHUR	12/21/2017
SUN-KYUNG KIM	12/22/2017

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:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15854568

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	NEIL G. FERRARI
SIGNATURE:	/Neil G. Ferrari, Reg. #61,484/
DATE SIGNED:	12/26/2017

Total Attachments: 3

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PATENT REEL: 044486 FRAME: 0633

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PATENT REEL: 044486 FRAME: 0634

ASSIGNMENT

WHEREAS, We, Konstantin MOROZOV, resident of Kiev, Ukraine, citizen of Ukraine, Andrii VOLOCHNIUK, resident of Kiev, Ukraine, cirizen of Ukraine, Jung-kee LEE, residual of Osan-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Oleksandr SHCHUR, resident of Kiyv, Ukrains, citizen of Ukrains and Sun-kyung KIM, resident of Salia-gu, Bussa, Republic of Korea, citizen of Republic of Korea bave invented certain new and useful improvements in a "METROD, DEVICE, AND SYSTEM FOR PROCESSING MULTIMEDIA SIGNAL" disclosed in an application for United States Letters Patent (Application No. _ / _____, filed on , said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-to, Youngtong-gu, Suvvon-si, Gyeonggi-do, 16677, Republic of Korea (bereinafter referred to as "ASSIGNEE"), is desizous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in med to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Manck Wilson Mandala, LLP to insert in the parenthesis above the application member and filing date of said application when known; and we hereby authorize and request the Commissioner of Patenta and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our intensit is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, stillly models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish captionary potices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, his successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEB, to testify in any legal proceedings, sign all lawful papers, execute all

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PATENT REEL: 044486 FRAME: 0635 divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: 24	017/12/21	(Ju)	
Augganostioneeste		Konstantin MOROZOV	
Date: <u>(</u> [3	17/12/21		**********
		MAGGEVOLOCHNUK Z	
Date:2	17/12/22	Tung-kec LEE	. N. N. S.
		Sang-kou Lamo	
Date: <u>20</u> 1	17/12/21	Olekanoù/SHCHUR	********
Date:	***************************************	Snalower KTM	

divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:		
	Konstantin MOROZOV	
Date:		
	Andrii VOLOCHNIUK	
Date:	Jung-kee LEE	
Date:		
	Oleksandr SHCHUR	
Date: 2011, 12,92	Sun-kyung KAM	