503544220 10/28/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEA SHIK SHIN	10/14/2015
SANG UK SON	10/14/2015
YEONG GYU LEE	10/14/2015
MOON CHUL LEE	10/14/2015
HO SOO PARK	10/14/2015
DUCK HWAN KIM	10/14/2015
CHUL SOO KIM	10/14/2015

RECEIVING PARTY DATA

Name: SAMSUNG ELECTRO-MECHANICS CO., LTD.	
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City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14925230			

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ATTORNEY DOCKET NUMBER:	013057.1051
NAME OF SUBMITTER:	S. LAURA CHUNG
SIGNATURE:	/S. Laura Chung/
DATE SIGNED:	10/28/2015

Total Attachments: 3 source=NewApp_0130571051_CDA_EPAS#page1.tif source=NewApp_0130571051_CDA_EPAS#page2.tif source=NewApp_0130571051_CDA_EPAS#page3.tif

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013057.1051

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I hereby declare that this declaration is directed to the application attached hereto, or to United States Application Number or PCT international Application Number

filed on _____ (if applicable), entitled:

ACOUSTIC RESONATOR AND METHOD OF MANUFACTURING THE SAME

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

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

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do Republic of Korea

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are the subject of the application identified in the above declaration, which is United States Application Number or PCT International Application Number 14/925,230 filed on_October 28, 2015

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further

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"著 凝血法 装计装置 强定双视风度 经电路保险性 电力微量 蒙住 螺旋 脱霉素 带 企 開發

PATENT REEL: 036904 FRAME: 0891

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Jea Shik SHIN		
Inventor's Signature		Date	2015, 10, 14
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korea		

Inventor's Legal Name	Sang Uk SON		
Inventor's Signature	Norbart	Date	2015. 10. 14
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korea		

inventor's Legal Name	Yeong Gyu LEE
inventor's Signature	(승) (승) 구 Date 2015. 10. 14
Residence (City, Country)	Suwon-si, Republic of Korea
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korsa

Inventor's Legal Name	Moon Chul LEE		
inventor's Signature	JA- ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ	Date	2015. 10. 14
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korea		

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[4] 漫画的 藏有语言 动脉网络木麻 辐射两体不用 深的低性 受用 爆碎 动般变 铥 化 资金

PATENT REEL: 036904 FRAME: 0892

013057.1051

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

inventor's Legal Name	Ho Soo PARK		
Inventor's Signature	游花于	Date	2015, 10, 14
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Mailing Address	Samsung Electro-Mechanics Co., Ltd. Suwon-si, Gyeonggi-do, Republic of K	Maeyoung-ro 150 (Ma orea	etan-dong), Youngtong-gu

Inventor's Legal Name	Duck Hwan KIM		
Inventor's Signature	Storike-	Date	2015. 10. 14
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korea		

Inventor's Legal Name	Chul Soo KIM		
Inventor's Signature	chur L.	Date	2015, 10, 14
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do, Republic of Korea		

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整 潜虫的 经有通过 潜虫为感激病 通过防治方用 燃料银矿 感情 建氯化物酸金 篦 全 最多

PATENT REEL: 036904 FRAME: 0893

RECORDED: 10/28/2015