### 504115655 11/30/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4162325

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15364433

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DATE SIGNED:	11/30/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	•
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source=Q228859ExecutedDeclaration	nandAssignment#page2.tif
source=Q228859ExecutedDeclaratio	nandAssignment#page3.tif

Docket No.: Q228859 Samsung Ref.: RS2015080061US0 Only After Sept 16, 2012 US Rights Only

# ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63) 특허 출원 관련 양도 및 선언(연방규칙집 제 37 조 1.63 항)

### Korean Language Assignment with Declaration

이하 양도인으로 지칭되는 하기 서명 발명자인 본인(들)은 이래에 명시된 출원에서 서술한 특정 개선을 발명하였으므로 그리고

에 소재한 (양수인)는(은) 출원 및 발명의 그리고 이에 따라 획득될 일제의 미국 특허에 대한 모든 권리, 소유권 및 이권을 획득하기를 원하므로,

이제 대기를 위한 그 수령을 인정합니다.

상기 양도인인 본인(들)은 상기 명칭의 양수인, 그 승제자 및 그 양수인에게 모든 분할과 그 연속을 포함하여 미국 용으로 공개된 출현과 발명 그리고 그에 대해 승인될 수 있는 미국의 모든 특허증서와 미합증국 코드 제 35 장 제\$119 항에 의거한 우선권 청구권과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에 대한 전체 권리, 소유권 및 이권을 판매, 양도 및 이전하며 그리고 본인(들)은 출원서에 제시된 발명에 대해 승인된 일체의 특허증서를 양수인, 그 승제자 또는 그 양수인에게 발급하도록 미국 특허청장에게 요청하는 바이며 또한 본인(들)은 양수인의 요청할 경우 미국 출원과 관련하여 양수인이 필요하다고 생각하는 모든 서류를 더 이상의 보수 없이 서명날인할 것입니다.

공인은 기록을 위해 요구되지는 않지만 미합중국 코드 제 35 장 제\$261 항에 의거 서명날인에 대한 일응의 증거입니다)

본인은 아래 성명의 발명자로서 다음과 같이 선언합니다.

본양도및선언서는다음사항을위한것입니다

🛛 청부출원또는

□ 미합중국 출원 또는 PCT 국제출원 번호:\_\_\_\_\_\_ 출원일:\_\_\_\_\_\_

본 출원의 제목은 다음과 같습니다.

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO., LTD. of 129</u>, Samsung-ro. Yeongtong-gu, <u>Suwon-si</u>, <u>Gyeonggi-do</u>, 16677, Republic of Korea and KOREA ADVANCED INSTITUTE OF <u>SCIENCE AND TECHNOLOGY of 291</u>, <u>Dachak-ro</u>, <u>Yuseong-gu</u>, <u>Dacjeon</u>, <u>34141</u>, <u>Republic of Korea</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

- The attached application, or

The application is entitled:

AMPLIFIER CIRCUIT AND METHOD OF RECOVERING INPUT SIGNAL IN THE AMPLIFIER CIRCUIT

#### Korean Language Assignment with Declaration

위에 표시된 출원은 본인이 신청하였거나 또는 신청하도록 허가를 받았습니다.

본인은, 본인이 본 출원에서 청구된 발명의 원 발명자 또는 원 공동 발명자리고 믿습니다.

본인은 본 양도 및 선언서 제출과 관련된 출원의 내용을 검토하였으며 아울러 이해합니다.

본인은 연방 규정 코드 제 37 장 제 156 형에 규정된 비에 따라. 특허성의 관단에 중요한 본인이 아는 모든 정보를 특히청에 공개할 티무가 있음을 알고 있습니다.

본 양도 및 선언서 내에 의도적 허위 진술이 있을 경우 미합중국 코드 제 18 장의 1001 항에 의거 벌금이나 5년 이하의 징역 또는 두 가지 처벌을 모두 받을 수 있음을 인정합니다. The above identified application was made or was authorized to be made by me.

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

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

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

## STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Mannag Maranda

March 17, 2014

Signature Date

[Page 2]

Given Name (first and middle [if any 이름(성씨는 제외)	y]).	Family Name or 勺(姓)	
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Aailing Address: c/o Samsur 구편 주소: Republic or		tology, 130, Samsung-ro, Yo	eongtong-gu, Suwon-si, Gyeonggi-do, 16678,
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aventor's signature 같멕.작의 서명	7254-/-,	******	Date 일자 2016, 11, 10
tesidence: 역주지: Daejeon, Repub			l
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NAME OF THIRD INVENTOR: 에번째 발명가의 성명		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Nen Name (first and middle [if any 비용(성씨는 제외)	y]) {{wansoo	Family Name o 성(姓)	r Surasme SUH
aventor's signature 발명자의 서명	NA . ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Zh	Date 일자 2~16, 11, 10
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