### 501970695 06/27/2012

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Min-Su Kim	06/07/2012
Yong-Jin Yoon	06/07/2012
Ji-Kyum Kim	06/07/2012

#### **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:	13527214

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	5649-3441
NAME OF SUBMITTER:	Audra Wooten

Total Attachments: 4

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> PATENT REEL: 028453 FRAME: 0909

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#### ASSIGNMENT

THIS ASSIGNMENT, made by us, **Min-Su Kim**, citizen of the Republic of Korea, residing at 417-303 Solbit Maeul SeoheaGrangbl Apt., Bansong-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea, **Yong-Jin Yoon**, citizen of the Republic of Korea, residing at Suite 401, 102-248, Hwagok-dong, Gangseo-gu, Seoul, Republic of Korea and **Ji-Kyum Kim**, citizen of the Republic of Korea, residing at Suite 400, 299-12, Yangjae 2-dong, Seocho-gu, Seou, Republic of Korea;

WHEREAS, we are the joint inventors of certain new and useful improvements in **INTEGRATED CIRCUIT PULSE GENERATORS** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. <u>13/527,214</u>, filed <u>June 19, 2012</u>) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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## ASSIGNMENT - CONTINUED

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

	•	
assignee, its successo	ors, assigns and other legal representati	ives,
IN WITNES	S WHEREOF, I have hereunto set my	hand and seal on this 1/44 day
of June	_, 2012.	
	Min-Su KIM	_ (SEAL)
Witnessed by:		
- AAAA AAAA AAAA	· .	
Date:		

REEL: 028453 FRAME: 0911

From: unknown Page: 10/11 Date: 6/18/2012 3:08:37 AM

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# ASSIGNMENT - CONTINUED

of	IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 1th day June, 2012.
	Yong-Jin Yoon (SEAL)
Witne	essed by:
Date:	

REEL: 028453 FRAME: 0912

From: unknown Page: 11/11 Date: 6/18/2012 3:08:37 AM

Attorney Docket No. 5649-3441

## ASSIGNMENT - CONTINUED

	TNESS WHEREOF, I have hereunto set my hand and seal on this
	Ji-Kyum KIM (SEAL)
Witnessed by	·
Date:	

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