501953111 06/12/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yu Sin Kim	05/11/2012
Sang Hee Kim	05/11/2012
Dong Hyun Baek	05/11/2011
Sun Woo Yun	05/11/2012
Sung Hwan Park	05/11/2012

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	
Street Address:	314, Maetan3-dong, Yeongtong-gu, Suwon-si	
City:	Gyunggi-do	
State/Country:	KOREA, REPUBLIC OF	

Name:	Korea Advanced Institute of Science and Technology	
Street Address:	Guseong-dong, Yuseong-gu	
City:	Daejeon	
State/Country: KOREA, REPUBLIC OF		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13494914

CORRESPONDENCE DATA

Fax Number: (408)720-8383 Phone: 310-207-3800

Email: alexis_karriker@bstz.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Blakely, Sokoloff, Taylor & Zafman LLP

Address Line 1: 1279 Oakmead Parkway

PATENT

REEL: 028362 FRAME: 0944

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Address Line 4: Sunnyvale, CALIFORNIA 94085-4040		
ATTORNEY DOCKET NUMBER:	009237.P046	
NAME OF SUBMITTER:	Eric S. Hyman	
Total Attachments: 6 source=9237p046_Assignment_061212#page1.tif source=9237p046_Assignment_061212#page2.tif source=9237p046_Assignment_061212#page3.tif source=9237p046_Assignment_061212#page4.tif source=9237p046_Assignment_061212#page5.tif source=9237p046_Assignment_061212#page6.tif		

PATENT REEL: 028362 FRAME: 0945

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 009237.P046		
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,			
I/we, the undersigned, KIM, Yu Sin, KIM, Sang Hee, BAEK, Dong Hyun, YUN, Sun Woo and PARK,			
Sung Hwan			
hereby sell, assign, and transfer toSAMSUNG ELECT	RO-MECHANICS CO., LTD. and		
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECH			
of .			
(Type of Assignee: e.g., corporation, company, partnership, university,	etc.)		
having a principal place of business at			
314 Maetana dang Voongtong ay Suwan si Cyunggi da	Depublic of KODEA and Konne Advanced		
314, Maetan3-dong, Yeongtong-gu, Suwon-si, Gyunggi-do, Institute of Science and Technology, Guseong-dong, Yuseo	ong-qu. Daejeon. Republic of KOREA.		
("Assignee"), and its successors, assigns, and legal represe			
for the United States and all foreign countries, in and to any	and all inventions or improvements that		
are disclosed in the application (provisional or non-provision	al) for the United States patent which for		
the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or r	ated by the undersigned prior hereto or non-provisional) is entitled		
11			
INVERTER AND SWITCHING CIRCUIT			
said patent application also identified as follows (when know	/n):		
[I/we hereby authorize an attorney or agent for said.	Assignee to insert below the application		
number and filing date of said patent application who	en known.]		
United States Patent Application Number 13/494,914	filed June 12, 2012		
	,		
and in and to said application (provisional or non-provisional provisional applications, utility applications, design application) and all provisional applications, non-		
applications, continued prosecution applications, continuation	n-in-part applications, substitute		
applications, renewal applications, reissue applications, reex	caminations, extensions, and all other		
patent applications that have been or shall be filed in the Un any of said inventions or improvements; and in and to all orig	ited States and all foreign countries on		
reexamination certificates, and extensions, that have been o	or shall be issued in the United States and		
all foreign countries on said inventions or improvements; and	d in and to all rights of priority resulting		
from the filing of said United States application;			
agree that said Assignee may apply for and receive a	a patent or patents for said inventions or		
improvements in its own name; and that, when requested, w	ithout charge to, but at the expense of,		
said Assignee, its successors, assigns, and legal representa and purpose of this Assignment, the undersigned will execut	tives, to carry out in good faith the intent		
provisional applications, utility applications, design application	ns, divisional applications, continuation		
applications, continued prosecution applications, continuation	n-in-part applications, substitute		
applications, renewal applications, reissue applications, reex patent applications on any and all said inventions or improve	aminations, extensions, and all other		
assignments, powers of attorney, and other papers; commun	nicate to said Assignee, its successors.		
assigns, and representatives all facts known to the undersign	ned relating to said inventions or		
improvements and the history thereof; and generally assist si representatives in securing and maintaining proper patent pro-	aid Assignee, its successors, assigns, or		
improvements and for vesting title to said inventions or impro	wements, and all applications for natonts		

- 1 -

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor:	Please Sig	n <u>and Date</u> Below:
May 11	20 12	(h)
Date	,	Signature
		KIM, Yu Sin
		Printed/Typed Name
	, 20	
Date		Signature
		KIM, Sang Hee
		Printed/Typed Name
	, 20	
Date		Signature
		BAEK, Dong Hyun
		Printed/Typed Name
	, 20	
Date		Signature
		YUN, Sun Woo
		Printed/Typed Name
	, 20	Signature
Date		Signature
		PARK, Sung Hwan Printed/Typed Name
		Printed/Typed Name
		Assignment Document Return Address:
		BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway
		Sunnyvale, CA 94085-4040 (408) 720-8300

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 009237. Poyla			
For good and valuable consideration, the receipt and suf				
I/we, the undersigned, KIM, Yu Sin, KIM, Sang Hee, BAEK, Dong Hyun, YUN, Sun Woo and PARK,				
Sung Hwan				
hereby sell, assign, and transfer to SAMSUNG ELECT	RO-MECHANICS CO., LTD. and			
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECH	HNOLOGY a			
of(Type of Assignee: e.g., corporation, company, partnership, university,	etc.)			
having a principal place of business at				
314, Maetan3-dong, Yeongtong-gu, Suwon-si, Gyunggi-do, Institute of Science and Technology, Guseong-dong, Yuseo	Republic of KOREA and Korea Advanced ong-gu, Daejeon, Republic of KOREA,			
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or r	r and all inventions or improvements that hall for the United States patent which for cuted by the undersigned prior hereto or			
INVERTER AND SWITCHING CIRCUIT said patent application also identified as follows (when know	/n):			
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application who	Assignee to insert below the application			
United States Patent Application Number 13/494,914	filed_ <u>June 12, 2012</u> ,			
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;				
agree that said Assignee may apply for and receive a improvements in its own name; and that, when requested, w said Assignee, its successors, assigns, and legal representa and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design application applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reex patent applications on any and all said inventions or improve assignments, powers of attorney, and other papers; communassigns, and representatives all facts known to the undersign improvements and the history thereof; and generally assist s representatives in securing and maintaining proper patent primprovements and for vesting title to said inventions or impro	rithout charge to, but at the expense of, atives, to carry out in good faith the intent se all provisional applications, non- ans, divisional applications, continuation on- an-in-part applications, substitute saminations, extensions, and all other aments; execute all rightful oaths, nicate to said Assignee, its successors, and relating to said inventions or aid Assignee, its successors, assigns, or otection for said inventions or			

- 1 -

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Each Inventor:	Please Sign <u>and Date</u> Below:	
Date	, 20	Signature KIM, Yu Sin Printed/Typed Name
Date	, 20	Signature KIM, Sang Hee Printed/Typed Name
May! 1 Date	2012	Balle Norghym. Signature BAEK, Dong Hyun Printed/Typed Name
May // Date	20_/2_	Sun Woo Yun Signature YUN, Sun Woo Printed/Typed Name
, Date	20	Signature PARK, Sung Hwan Printed/Typed Name
		Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

- 2 -

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 009237. P046			
For good and valuable consideration, the receipt and suf	fficiency of which is hereby acknowledged,			
I/we, the undersigned, KIM, Yu Sin, KIM, Sang Hee, BAEK,	Dong Hyun, YUN, Sun Woo and PARK,			
Sung Hwan				
hereby sell, assign, and transfer to SAMSUNG ELECT	RO-MECHANICS CO., LTD. and			
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECH	HNOLOGYa			
of(Type of Assignee: e.g., corporation, company, partnership, university,	etc.)			
having a principal place of business at				
314, Maetan3-dong, Yeongtong-gu, Suwon-si, Gyunggi-do, Institute of Science and Technology, Guseong-dong, Yuseo	Republic of KOREA and Korea Advanced ong-gu, Daejeon, Republic of KOREA,			
("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled				
INVERTER AND SWITCHING CIRCUIT said patent application also identified as follows (when know	vn):			
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application who				
United States Patent Application Number 13/494,914	filed_ <u>June 12, 2012</u> ,			
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;				
agree that said Assignee may apply for and receive a improvements in its own name; and that, when requested, we said Assignee, its successors, assigns, and legal represents and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reexpatent applications on any and all said inventions or improve assignments, powers of attorney, and other papers; communications, and representatives all facts known to the undersign improvements and the history thereof; and generally assists representatives in securing and maintaining proper patent primprovements and for vesting title to said inventions or improvements.	without charge to, but at the expense of, atives, to carry out in good faith the intent te all provisional applications, non- ons, divisional applications, continuation on-in-part applications, substitute caminations, extensions, and all other ements; execute all rightful oaths, nicate to said Assignee, its successors, ned relating to said inventions or said Assignee, its successors, assigns, or rotection for said inventions or			

PATENT REEL: 028362 FRAME: 0950

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no

conveyed has been made to others be herein expressed is possessed by the	, or other agreement affecting the rights and property herein y the undersigned, and that full right to convey the same as
Each Inventor: Please Sig	•
, 20	Signature
	_KIM, Yu Sin
	Printed/Typed Name
May 11, 20 12	Ama
Date	Signature KIM, Sang Hee
	Printed/Typed Name
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Date	Signature
	BAEK, Dong Hyun Printed/Typed Name
, 20	Signature
	YUN, Sun Woo Printed/Typed Name
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/hay 11, 20_12	Signature
	PARK, Sung Hwan Printed/Typed Name
	rmileo/Typea Name
	Aggingment Description Add
	Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway
	Sunnyvale, CA 94085-4040 (408) 720-8300

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