501918746 05/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kui-Yon Mun	05/10/2012

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	116, Maetan-dong, Yeongtong-gu,	
City:	Suwon-si, Gyeonggi-do,	
State/Country:	REPUBLIC OF KOREA	
Postal Code:	442-742	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13469203

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SEC.3092
NAME OF SUBMITTER:	ADAM C. VOLENTINE

Total Attachments: 4

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REEL: 028198 FRAME: 0809

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ASSIGNMENT

	In consideration consideration	n of the sum of One Dollar to each of the undersigned	(\$1.00) and other good and valuable	
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Inventor(s)			7.	744
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lasert Name(s) of	the undersigned he	reby sell(s) and assign(s) to	. 12	
Assigner(s) &		CAMCINO STRAMA	AND THE PROPERTY AND TH	
seem Branchay on	#16 N		ONICS CO., LITD.	
Address(es)	of Simon	Maetan-dong, Yeong	tong-gu,	
		ary changar ac a	42-742, Republic of Korea	
Title of Invention		35 USC 100, in the invent	D SELECTOR CIRCUIT	-
Date of Signing of Application			ted States of America has been executed by	Person
	The undersigned ag application and any execute separate as deem necessary or of the undersigned ag interference which reissue thereof and	res(s) to execute all papers continuing, divisional or r signments in connection w expedient. rec(s) to execute all papers may be declared concernin	s necessary in connection with this reissus applications thereof and also to ith such applications as the Assignee may a necessary in connection with any ag this application or continuing, division or gnee in every way possible in obtaining	
	The undersigned ag may be necessary in for Protection of Inc The undersigned ag	res(s) to execute all papers connection with claims or lustrial Property or similar	and documents and perform any act which r provisions of the International Convention agreements.	

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VOLENTINE & WHITT, P.	L.L.C. 101/2007	7
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ATTORNEY DOCKET NO. SEC. 3092

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20087</u> the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned

mame(s). Signature of Inventor Date May 10 , 2012 Signature of Inventor (Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness. Applicant Reference No. ID-210127-US

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VOLENTINE &	WHITT	PLLC	(01/2007)
A CAMPIAN NAME OF	TILLIE .	A sheare	11/2/2007/1

ATTORNEY	DOCKET NO.	SEC 3092
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	ASSIC	GNMENT
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Insert Name(s) of Inventor(s)	1. Kui-Yon MUN	7.
*** A CORPOR (2)	2. Jongkeun AHN	8.
	3.	9.
	4.	10.
	5	11.
	6. the undersigned hereby sell(s) and as	12.
Insert Name(s) of	the undersigned hereby sell(s) and as	sign(s) to
Assignee(s) &		LECTRONICS CO., LTD.
Address(es)	416, Maetan-dong, of Suwon-si. Gyeonggi	Yeongtong-gu, i-do 442-742, Republic of Korea
Title of Invention	FLASH MEMORY DEVICE HAVIN	
Date of Signing of Application	for which an application for patent in the undersigned on May 9, 20	the United States of America has been executed by
	application and any continuing, divis	all papers necessary in connection with this ional or reissue applications thereof and also to ection with such applications as the Assignee may
	interference which may be declared of	all papers necessary in connection with any concerning this application or continuing, division or the Assignee in every way possible in obtaining h interference.
	The undersigned agree(s) to execute may be necessary in connection with for Protection of Industrial Property of	all papers and documents and perform any act which claims or provisions of the International Convention or similar agreements.
	The undersigned agree(s) to perform a grant of a valid United States paten	all affirmative acts which may be necessary to obtain to the Assignee.

Page 1 of 2

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The undersigned hereby grant(s) the practitioners associated with the CUNTOMER NUMBER 20987 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letter Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants the has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date Signature of Inventor Date Signature of Inventor Date Signature of Inventor One Signature of Inventor One Signature of Inventor One Signature of Inventor One Signature of Inventor Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness Witness Witness Witness	The undersigned hereby grant(s) the practitioners associated with the CUSTOMER NUMBER 20987 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letter Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants if he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date Signature of Inventor Signature of Inventor Date Signature of Inventor One Signature of Inventor Signature of Inventor One Signature of Inventor One Signature of Inventor One Signature of Inventor One Signature of Inventor Witness—Witness Witness—Witness Witness Witness Witness		nanananananananananananananananananana	
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The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Lette Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants it he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date Signature of Inventor Date Signature of Inventor Date Signature of Inventor One Signature of Inventor One Signature of Inventor (Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness Witness Witness	The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Lette Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants it he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date Signature of Inventor Date Signature of Inventor Date Signature of Inventor One Signature of Inventor One Signature of Inventor (Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness Witness Witness	power to i	insert on this assignment an	by further identification which may be necessary or desirable in order to
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Date Signature of Inventor Date Signature of Inventor (Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness Witness	Date Signature of Inventor Date Signature of Inventor (Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.) Witness Witness	Date		Signature of Inventor Jongkeun Ahn
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