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PATENT	S ON 103559535	
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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Hyun-Su Choi	Name: Samsung Electronics Co., Ltd.	
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Additional name(s) of conveying party(ies) attached? Yes X No	1	
3. Nature of conveyance/Execution Date(s):	Street Address: 416, Maetan-dong, Yeongtong-gu	
Execution Date(s) April 20, 2009		
Assignment Merger	City Course Course	
Security Agreement Change of Name	City: Suwon-si, Gyeonggi-do	
Joint Research Agreement	State:	
Government Interest Assignment	Country Republic of Karea Zing	
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip:	
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4. Application or patent number(s):	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional	, , , , , , , , , , , , , , , , , , ,	
Additional numbers att		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Steven M. Mills		
	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00	
Internal Address:		
	Authorized to be charged to deposit account	
Street Address: MILLS & ONELLO, LLP	X Enclosed	
Eleven Beacon Street, Suite 605	None required (government interest not affecting title)	
City: Boston	8. Payment Information	
State: MA Zip: 02108		
Phone Number: (617) 994-4900	Dan at Asia at Asia	
Fax Number: (617) 742-7774	Deposit Account Number	
Email Address: mail@millsonello.com	Authorized User Name	
9. Signature:	11 12	
Signature	9/22/69 Date	
Steven M. Mills, Reg. No. 36,610	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents:	

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PATENT

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ASSIGNMENT

We, Hyun-Su Choi, of WEST-1101 Yeongtong I-Park, 1153, Yeongtong-dong, Yeongtong-gu, Suuron-ei, Oyeonggi-do, Republic of Korea; and Nak-Woo Sung, of 519-1501 Jinsun Matei Sumsung 5 Che Apt., Pungdeokoheno 2-dong, Suji-gu, Yongio-ei, Oyeonggi-do, Republic of Korea; having invented improvements in SECURITY CIECURT HAVING AN BLECTRICAL PUSE ROM described in an application for Letters Petent of the United States, accounted by us on even data historials, for good and valuable consideration, receipt of which is hereby acknowledged from Summing Electronics Co., Ltd., a Korean corporation beving a place of business at 416, Master-dong, Yaongtong-gu, Suwen-di, Oyeonggi-do, Rapublic of Korea (and hereinafter called the Ansigme, which term shall include its successors and sessions), do hereby sell, essaign and transfer unto the Ansigme, which term shall include its successors and throughout the United States of Associas (including its territories and dependencies) and all countries finalign therein, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, release and other patent applications based thereon) and the inventions (which term shall include each and every such inventions thereof) of any country which many be granted on or for said inventions or on mid application;

And for the same counideration We do also haveby sell, ussign, and transfer unto the Assignce, all our rights under the international Convention for the Protection of Industrial Property, the Putest Cooperation Treaty, and all other treaties of like purpose in suspect of said inventions and said application, and We do hereby authorize the Assignes to apply in our name or its own name or its designes for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignes so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the sense counidention, We do hereby agree for ourselves and for our heirs, executors, and administratom, promptly upon request of the Assignme to execute and deliver without further compensation my power of attorney, enignment, original, divisional, continuing, seisme or other application or applications for peasest or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed accessary or destrable by the Assignee, fully to secure to it said right, title, and interest as afterested in and to each inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or essigns;

And We do hereby sutherise and request the Commissioner of Putents and Trademarks of the United States of America and the corresponding Official of each country foreign therete to issue to the Amignee, any and all patents and like rights of ambusion which may be granted in any country upon mid United States application on or for said investions;

And We do hereby coverant for ourselves and our legal representatives and agree with the Assignes, that We have granted no right of licents to make, use, or sell said inventions to sayone except the Assignes, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise ancumbered by us, and that We have not executed and will not execute any instruments in conflict herewith.

Page 1 of 2



Reference No.: SAM-1366

Pirst or Sole Inventor:

Siametore:

Hyun-Su Cho

Date: 3009.04.30

Second Joint Inventor:

Sieneture:

Mak-Woo Some

Des: 2004.04.20

THE PERSON NAMED IN

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