То	FORM PTO-1595 OCT 0 6 2011 The Director of No. U.S. Patent and Trader.  10/11/2011 U.S. DEPARTMENT OF COMMERCE  11 Staas & Halsey L. Patent and Trader.  103634266  1. TRADEN
1.	Name of conveying party(ies): Sung Gu KWON Dong Min SHIN Jong Owan KIM
2.	Name and Address of receiving party(ies):
·	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea
3.	Nature of conveyance:
(\	_X Assignment Merger Security Agreement Change of Name
	Other:  Execution Date(s): September 27, 2011
4.	Application number(s) or patent number(s):  This document is being filed together with a new application.
	OR  This document is being filed after filing of the application:  (a) Patent Application No(s). 13/253,198, filed October 5, 2011; or  (b) Patent No(s)., issued
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 2217.1062  Attention: Paul I. Kravetz 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005
. 6.	Total number of applications and patents involved:1
<b>`-7</b> .	Total fee (37 CFR 3.41)
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
	I. Kravetz, Reg. No. 35,230 e of Person Signing Signature Signature Of FC:8821 Date
•	Total number of pages including cover sheet: 2

Revised April, 2011

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## U.S. ASSIGNMENT

SEH MO

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

## ROBOT AND METHOD OF CONTROLLING THE SAME

tates was executed on even date herewith or, if not so executed, was:					
(a) executed on ;	(Insert date of execution of application, if not concurrent)				
(b) filed on ,	Any registered attorney of STAAS & HALSEY LLP, 1201 New York				
Serial No. :	Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.				

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

	(N WITNESS WHEREOF, the undersigned in (Typed Name & Signature of Inventor(s))	ventor(s) has (have) affixed his/he (Date)	r/their signature(s). (Typed Name & Signature of Witness(es))
1)_	my	September 29,2011	
2) _	Sung Gu KWON	September 27,2011	
3) _	Dong Min SHIN  JONG Jong Owan KIM	September 27,2011	
4) _			
5) _			
6) _			
7)			

PATENT REEL: 027176 FRAME: 0941

**RECORDED: 10/06/2011**