

09/19/2011

FORM PTO-1595
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To the Director of the U.S. Patent and



103632973

U.S. DEPARTMENT OF COMMERCE
LY
ument.

- 1. Name of conveying party(ies):
 - 1) Myung Hee KIM
 - 2) Kyung Shik ROH
 - 3) Young Bo SHIM
 - 4) Sam LIM

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:
 - Assignment
 - Security Agreement
 - Other: _____
 - Merger
 - Change of Name

Execution Date(s): September 11, 2011; September 9, 2011; September 9, 2011; and September 9, 2011, respectively.

9-15-11

- 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). 13/232,383, filed September 14, 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: 2217.1048
 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

- 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
 - Enclosed
 - Authorized to be charged to credit card.
 - Authorized to be charged to deposit account.

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)

Paul I. Kravetz, Reg. No. 35,230
Name of Person Signing

Paul I. Kravetz 09/19/2011
 Signature Date
 (09/19/2011 ARULLINS 00000032 13232383
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Total number of pages including cover sheet: 3

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U.S. ASSIGNMENT

SAH 1500

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(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 CONTROL METHOD THEREOF

relating to International Patent Application PCT/KR_____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

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Serial No. :

Any registered attorney of STAAS & HALSEY LLP, 1201 New York 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)").

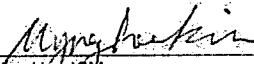
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution 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.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1)		September 11, 2011	_____
	Myung Hee KIM		
2)	_____	_____	_____
	Kyung Shik ROH		
3)	_____	_____	_____
	Young Bo SHIM		
4)	_____	_____	_____
	San LIM		
5)	_____	_____	_____
6)	_____	_____	_____
7)	_____	_____	_____

PATENT

REEL: 027055 FRAME: 0456

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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)").

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(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

- 1) _____
Myung Hee KIM
- 2) KYUNG SHIK ROH _____
Kyung Shik ROH Sep. 9, 2011
- 3) Young Bo SHIM _____
Young Bo SHIM Sep. 9, 2011
- 4) San Lim _____
San LIM September 9, 2011
- 5) _____
- 6) _____
- 7) _____