

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jae Hwi JANG	11/11/2011
Jong Hyun SHIN	11/11/2011
Hyun Soo PARK	11/11/2011
Young Jin PARK	11/11/2011
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416 Maetan-dong, Yeongtong-gu,
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13302396
CORRESPONDENCE DATA	
Fax Number:	(202)434-1501
Phone:	2024341500
Email:	vhewitt@s-n-h.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Staas & Halsey LLP
Address Line 1:	1201 New York Ave, NW
Address Line 2:	Suite 700
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005
ATTORNEY DOCKET NUMBER:	2294.1461
NAME OF SUBMITTER:	T. Brian Bell
Total Attachments: 1 source=Assignment#page1.tif	

OP \$40.00 13302396

U.S. ASSIGNMENT

5481700

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)

ENERGY MANAGEMENT SYSTEM WITH USER INTERFACE

relating to International Patent Application PCT/JP _____ 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)*

(b) filed on, «Filing_Date»

Serial No. «Serial_No»;

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20006 (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) Jaehwi Jang Nov. 11. 2011 _____
 Jaehwi JANG
- 2) Jong Hyun Shin Nov. 11. 2011 _____
 Jong Hyun SHIN
- 3) Hyun Soo Park Nov. 11. 2011 _____
 Hyun Soo PARK
- 4) Young Jin Park Nov. 11. 2011 _____
 Young Jin PARK
- 5) _____
- 6) _____
- 7) _____