· -	FORM PTO-1595	00-24-20		U.S. DEPARTMENT OF COMMERCE
_	To the Director of the U.S. Patent and Trace	10329609	al doc	cuments or copy thereof.
1.	Name of conveying party(ies):	, 552333		
	Kyoung-won KIM Hyun-chang SHIN Dong-ho RHEE			12963 U.S. PTO
2.	Name and Address of receiving p	earty(ies):		963
	SAMSUNG ELECTRONICS CO. 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea			57
3.	Nature of conveyance:  X Assignment Security Agreement Other:	Merger Change of N	lame 	
	Execution Date(s): August 17, 20	006		
4.	Application number(s) or patent n  This document is being filed to (a) The execution date(s) of th (b) The title is: APPARATUS DEVICE	ogether with a new appl he application is/are: <u>Au</u>	igust 17, 2006	VER FOR MOBILE
	OR  This document is being filed a  (a) Patent Application No(s).,  (b) Patent No(s)., issued.		ion:	
5.	Name and address of party to who STEIN, MCEWEN & BUI, LLP Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005	om correspondence cor	ncerning docume Our Docket:	ent should be mailed: 0007.1032
6.	Total number of applications and	patents involved: 1		
7.	Total fee (37 CFR 3.41)  ☐ Enclosed ☐ Authorized to be charged to		• •	Assignment)
8.	Deposit Account No. 503333: (Any Account) (Attach duplicate copy of	y underpayment is auth f this page if paying by o	orized to be cha deposit account	rged to this Deposit
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	el D. Stein, Reg. No. 37,240	"/WHILE	M	8/18/06
Name	of Person Signing	Signature	!	Date <sup>′</sup>

08-24-2006

PATENT

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Total number of pages including cover sheet: 2

## **U.S. ASSIGNMENT**

SMB 12/04

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

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 selts, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

APPARATUS AND METHOD FOR MANAGING F	POWER	FOR MOBIL	F DEVICE
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relating to International Patent Application PCT/JP/ was exacuted on even date herewith or, if not so exacuted	
(a) executed on : August 17, 2006	·
(b) filed on ,	Any registered attorney of STEIN, MICEWEN & BUI, LLP, 1400 Eye
Serial No. Not yet assigned;	St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) 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 fligation 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.

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