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	©2005 Staas & Halsey LLP  To the Director of the U.S. Patent an		docume	ont .
	To the Director of the 0.3. Faterit an	103312051	accame	
1.	Name of conveying party(ies): Woo-Seung HAN	100012001		0
	Hyun-Sook KIM Yoon-Young CHO			8. PTC
	Chang-Hwan HWANG			U.S.
2.	Name and Address of receiving p SAMSUNG ELECTRONICS CO., 416, Maetan-dong, Yeongtong-gu	LŤĎ.		113000
	Suwon-si, Gyeonggi-do 443-742 Republic of Korea			
<b>3</b> .	Nature of conveyance:	Marran		
	X Assignment Security Agreement	Merger Change of Name		
	Other: Other: Execution Date(s): <u>September 4,</u>	2006, September 7, 2006 and Se	ptember 8	3, 2006
4.	Application number(s) or patent n ☑ This document is being filed t			
	OR ☐ This document is being filed.a	after filing of the application:		
	(a) Patent Application No(s). (b) Patent No(s)., issued.			
5.	Name and address of party to wh STAAS & HALSEY LLP Attention: <u>John C. Garvey</u> 1201 New York Ave., N.W., Suite Washington, D.C. 20005	om correspondence concerning d Our Docket: <u>1860</u> e 700		should be mailed:
6.	Total number of applications and	natents involved: 1		
7.	• •	(\$ 40.00 per Patent or Applica	tion in Ass	signment\
1.	☐ Enclosed ☐ Authorized to be charged	, , ,		oiginnen <i>tj</i>
8.	Deposit Account No.: 19-3935 (Attach duplicate copy of this pag	(Any underpayment is authorized to the if paying by deposit account)	to be char	ged to this Deposit Accoun
	n C. Garvey, Reg. No. 28,607	Signature	0_	September 18, 2006 Date
ivam	ne of Person Signing	Sign ature	mbor of -	
		DO NOT USE THIS SPACE	mber or p	ages including cover sheet

PATENT REEL: 018321 FRAME: 0310

## U.S. ASSIGNMENT

S&H 1/00

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))

RECORDED: 09/18/2006

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea

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

(Title of Invention)	of interest to the manifold current
PORTABLE PHONE	
relating to International Patent Application PCT/KR/_States was executed on even date herewith or, if not so exe	and/or for which application for Letters Patent of the United ecuted, 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 Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is
Serial No. ;	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, destrable 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 swom testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inv (Typed Name & Signature of Inventor(s))	entor(s) has (have) affixed his/her/their signature(s). (Dete) (Typed Name & Signature of Witness(e	<b>(S</b> )
1) Lucy	Sept. 8.2006	
2) _ Kin, H.S	Gart, D. 2006	
Hyun-Sook KIM  3) Ch. J. 7	6 september, 2006	
Yoon-Young CHO  4) C. M. Young Chang-Hwan HWANG	Sept. 4. 2006	
5)		
6)		_
7)		

PATENT REEL: 018321 FRAME: 0311