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Hee-Deog Kim	Name: Samsung Electronics Co., Ltd.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No				
3. Nature of conveyance:	Street Address: 416 Mastan dong, Paldal-			
⊠ Assignment □ Merger	gu, Suwan - Branch da Robrea			
☐ Security Agreement ☐ Change of Name				
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Execution Date: <u>January 8, 1999</u>	l Tes en red			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date				
of the application is:	with a new application, the execution date			
A. Patent Application No.(s)	B. Patent No.(s)			
09/178,718				
Additional numbers a	ttached? 🗆 Yes 🗵 No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>			
Name: Paul J. Farrell, Esq.				
Internal Address:	7. Total fee (37 C.F.R. §3.41): \$40.00 Enclosed Authorized to be charged to deposit account			
Street Address: DILWORTH & BARRESE	8. Deposit account number:			
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T	o the best	d signature. of my knowledge and hany attached copy is	pelief, the	foregoing informati y of the original dc	on is true and ocument.
	J. Farrell stration No.	33,494	Saul J.	Fanell_	January 11, 1999

Total number of pages including cover sheet, attachments and documents: 4

OMB No. 0651-0011 (ex. 4/94)

Registration No. 33,494 Name of Person Signing

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PATENT REEL: 9698 FRAME: 0015

ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: MODE SWITCHING METHOD IN DUAL MODE CELLULAR PHONE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 678-177 (P8440-US/STN), or is more particularly identified as:

	executed on even date herewith, or			26 0 1 1	1000		
X	Serial No.	09/178,718	filed in the U.S.	Patent & Trademark	Office of	26 October 1,	1998
	or						
	executed on	·					

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and reexamined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, reexamination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Peter G. Dilworth, Reg. No. 26,450; Paul J. Farrell, Reg. No. 33,494</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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PATENT REEL: 9698 FRAME: 0016 IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	<u>Date Signed</u>	Witness(es)
1) Hee-Deog KIM (Seal) <u>8 January 1999</u>	Ji-Hye HEO
2)(Seal)	
3)(Seal)	
4)(Seal)	
5)(Seal)	
6) (Seal)	

REEL: 9698 FRAME: 0017