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Attorney Docket No: 4500-1-035

1. Name of conveying party(ies): Hyun-Sik CHA Additional name(s) of conveying party(ies) attached? [1 Yes [X] No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name Other:	2. Name and address of receiving party(ies): Name: SAMSUNG ELECTRONICS CO.: LTD. Address: 416, MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO REPUBLIC OF KOREA Additional name(s) & address(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the A. Patent Application No.(s) 12/641,672 Additional numbers attack	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Steve Cha Address: CHA & REITER 210 Route 4 East, Suite #103 Paramus, New Jersey 07652	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$\frac{\$\\$40.00}{}\$ [X] Enclosed [X] Authorized to be charged to deposit account, if necessary for overages or underpayments only 8. Deposit account number: 502-470 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Steve Cha, Reg No. 44,069 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3 Mail documents to be recorded with required cover sheet information to: 12/24/2009 LMUELLER 90000052 12641672 Assistant Commissioner for Patents	

(BDSM 8) (9/94)

REEL: 023726 FRAME: 0001

Docket No.: 4500-1-035

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

1) Hyun-Sik CHA

of

#847-1905, Byeokjeokgol 8 Danji APT, Yeongtong 2-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of
416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO,
REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. ' 1.00, in and to the invention entitled as:

METHOD AND APPARATUS FOR REDUCING A CHANNEL DEVIATION IN A MOBILE COMMUNICATION TERMINAL

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

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PATENT REEL: 023726 FRAME: 0002 SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Hyun-Sik CHA

Signature of inventor

Dated: December 17, 2009

WITNESSED:

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PATENT REEL: 023726 FRAME: 0003

RECORDED: 12/24/2009