Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	RE 1029 FAIENI	16188 SUNLI	•••••	MENT OF COMME nt and Trademark . 678-1600 (P12)	Offic
Tab settings $ ightarrow ightarrow ightarrow ightarrow$ To the Honorable Commissione					
 Name of conveying party(ies): Jung-Hyeok IM Chang-Soo LEE In-Gon PARK Additional name(s) of conveying party(ies Nature of conveyance: Assignment Security Agreement 		2. Name and a Name: Samsung 416, Mae Suwon-si	address of receiving pa Electronics Co., Lt tan-dong, Yeongtor	arty(ies) id. ng-gu,	112948 U.S. PTO
Other Execution Date: <u>12/20/04</u>	U	Additional nam	ne(s) & address(es) attached	d? 🕞 Yes 🍱	No
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 5. Name and address of party to concerning document should b Name: Paul J. Farrell, Esq. DILWORTH & BA 333 Earle Ovington Uniondale, New Yor U.S. PTO Customer N. 9. Statement and signature. To the best of my knowledge a is a true copy of the original do Paul J. Farrell Name of Person Signin 	Additional numbers at whom correspondence e mailed: RRESE, LLP Boulevard k 11553 o. 28249 DO NOT USI and belief, the foregoing ocument.	B. Patent N tached? I Yes C 6. Total number 7. Total fee (37 I Enclose Authori 8. Deposit acconnection (Attach duplican E THIS SPACE information is true Signature	Io.(s) In No In of applications and p In of applications and p In CFR 3.41)	eatents involved \$_\$40.00 deposit account 21 ng by deposit account	ı: []

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PATENT REEL: 016126 FRAME: 0647

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, 1 do hereby sell, assign and forever grant and convey unto:

ASS/GNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of 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: PORTABLE DIGITAL COMMUNICATION APPARATUS

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. <u>678-1600(P12101)</u>, or is more particularly identified as:

executed on even date herewith, or

or

- G Serial No. _____ filed in the U.S. Patent & Trademark Office on _____
- G 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, relssued and re-examined 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, re-examination, 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. 25,450 and 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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And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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

INVENTOR(S)	Date Signed		<u>Witness(es)</u>	
1) Jung hycok Im (Seal)	December 20,	2004	Jary Un	
2) Chang Sov (2) Ghang-Soo LEE (Seal)	December 20,	zdane	Yoney My	
3) Gon PARK (Seal)	December 20,	2064	Tong My	

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RECORDED: 12/23/2004