<b>FORM</b>	PTO-1595
(Rev. 6/93)	

07-22-2003



## U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

10250300	Attorney Docket No. <u>5000-1-330</u>
To the Assistant Com	missioner for Patents
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Sung-Jin PARK	Name:SAMSUNG ELECTRONICS CO.: LTD.
Additional name(s) of conveying party(ies) attached? 11 Yes [X 1 No 3. Nature of conveyance:	Address: 416, MAETAN-DONG, PALDAL-GU
	SUWON-CITY, KYUNGKI-DO
[X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name	KOREA, REPUBLIC OF KOREA
Other:	Additional name(s) & address(es) attached? [] Yes [X] No
Execution Date:Iuly 4, 2003	
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)	e execution date of the application is:  B. Patent No.(s)
Additional numbers attac	hed? [] Yes [x] No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Steve Cha	7. Total fee (37 CFR 3.41): \$40.00
Address: CHA & REITER	[X] Enclosed
411 Hackensack Avenue, 9th Floor Hackensack, New Jersey 07601	[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)
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true  Steve Cha, Reg No.44,069  Name of Person Signing	and correct and any attached copy is a true copy of the original document.  Signature  Total number of pages including cover sheet, attachments, and document: 3
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**Assistant Commissioner for Patents** Box Assignments Washington, D.C. 20231

(BDSM 8)

(9/94)

Docket No.: 5000 -1-330

## **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,

Sung-Jin PARK of 1000-18, Yongtong-dong, Padal-gu, Suwon-shi, Kyonggi-do, Republic of Korea

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

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA
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:

## PHASE DEMODULATION METHOD FOR MINIMIZING PHASE ERROR OF COMMUNICATION SIGNAL

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: 014280 FRAME: 0859 SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Sung-Jin PARK

**RECORDED: 07/08/2003** 

Signature of inventor

Dated: July 4, 2003

WITNESSED: Jong - Hee KZM

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PATENT REEL: 014280 FRAME: 0860