

FORM P	TO-1595 RECOI 1023598.37 U.S. DEPARTMENT OF COMMERCE		
Patent and Traueman S PATENTS ONLY 2001 Staas & Halsey LLP			
To the	Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1.	Name of conveying party(ies): Chan-sub PARK		
2.	Name and Address of receiving party(ies):		
	SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Gyunggi-do Republic of Korea		
3.	Nature of conveyance: X		
4.	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: January 22, 2003 (b) The title is:I/Q DEMODULATOR AND I/Q SIGNAL SAMPLING METHOD THEREOF OR This document is being filed after filing of the application:		
	(a) Patent Application No(s) /; or (b) Patent No(s) , issued .		
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1349.1157 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001		
6.	Total number of applications and patents involved:1		
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) X Enclosed Authorized to be charged to deposit account.		
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (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.		
	1 D. Stein, Reg. No. 37,240 of Person Signing Signature 1/30/03 Date/		
	Total number of pages including cover sheet: 2		

DO NOT USE THIS SPACE

01/31/2003 RHARIS1 00000039 10354078

Q4 FC:8021

40.00 BP

PATENT

REEL: 013722 FRAME: 0991

U.S. ASSIGNMENT

Docket No. 1349.1140

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))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu, Suwon-city Gyunggi-do, KOREA

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

I/Q DEMODULATOR AND I/Q SIGNAL SAMPLING METHOD THEREOF

I/Q DEWICEULATOR AN	D I/Q SIGNAL SAMIFLING	WETHOD THEREOF
elating to International Patent Application PCT/JPxecuted on even date herewith or, if not so executed, v		ication for Letters Patent of the United States was
(a) executed on	; (Insert date of execution	of application, if not concurrent)
(b) filed on;		f STAAS & HALSEY LLP, 700 Eleventh Street, 20001 (202/434-1500) is hereby authorized to data, when known.
nd to said application and all Letters Patent(s) of the Uneissue or reexamination application based thereon, for my extensions thereof (collectively, hereinafter, "said a The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable concluding in the preparation and prosecution of said apprexamination, or public use proceeding, and in any litting to include but not be limited to executing all paper worn testimony, and obtaining and producing evidence (Typed Name & Signature of Inventor(s))	the full term or terms for which the supplication(s) and Letters Patent(s)"). ASSIGNEE and without charge to but or expedient, for securing, maintaining plication(s) and the issuance of said I gation or other legal proceeding which is, including separate assignments and e.	aid Letters Patent(s) may be granted and including at the expense of said ASSIGNEE, to do all acts g and enforcing protection for said invention, etters Patent(s), in any interference, reissue, in may arise or be declared in relation to same, such ideclarations, taking all rightful oaths, providing
) Cas	January 22, 2003	J. Y. Jang. Ji-young JANG
Chan-sub PARK		Ji-young JANG

RECORDED: 01/30/2003

PATENT REEL: 013722 FRAME: 0992