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Form PTO-1595 RE <u>September 12, 2001</u>		EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
TO THE HONORABLE COMMISSION Please record the attached original doc	849840	Attorney Docket No.: 678-607 (P9733)		
Name of conveying party(ies):	2. Name and ad	Idress of receiving party(ies):		
Chang-Hoi KOO Kyou-Woong KIM Sung-Ho CHOI Sung-Oh Hwang	Name:	Samsung Electronics, Co., Ltd.		
Ki-Ho JUNG Seong-ILL PARK Hyun-Woo LEE Hyun-Jung MUN				
Ho-Kyu CHOI Hyun-Jung MUN G · \ 7 · 0	Internal Address	:		
Additional name(s) of conveying party(ies) attached? [] yes [X] no	Street Address:	416, Maetan-dong, Paldal-gu Kyungki-do		
3. Nature of Conveyance	City:	Suwon-city		
[X] Assignment [] Merger	Country/State/Zi	p: Korea		
[] Security Agreement [] Change of Name	Additional names	Additional names and addresses attached? [] yes [X] no		
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Execution Date: May 7, 2001	-			
4. Application number(s) or patent number(s):		SEP 1 7 2001		
If this document is being filed together with a new application,	the execution date of th	∦U L; 11 //		
A. Patent Application No.(s)	B. Patent			
09/788,980	N/A	UNE		
	ttached? [] Yes [X	4 00		
5. Name and address of party to whom correspondence		of applications and patents involved:		
concerning document should be mailed:	o. Total number of	[1]		
Name: Paul J. Farrell, Esq.	7. Total fee (37 C	7. Total fee (37 C.F.R. 3.41)		
Internal Address: Dilworth & Barrese, LLP	[X] Enclosed			
Street Address: 333 Earle Ovington Boulevard	_			
City: Uniondale State: NY ZIP: 11553	8. Deposit account (Attach duplicate copy of	nt number: 04-1121 of this page if paying by deposit account)		
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Paul J. Farrell, Esq. Name of Person Signing	Signature	September 12, 2001 Date		
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	ton, D.C. 20231	hand in the Broading Control of the Control		
Public burden reporting for this sample cover sheet is estimated to average about and gathering the data needed, and completing and reviewing the sample cover structure. Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and Washington, D.C. 20503.	heet. Send comments regardi	ing this burden estimate to the U.S. Patent and Trademark		
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Form PTO-1595 06 - 19 - 2	OO1 SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Chang-Hoi KOO Sung-Ho CHOI	Name: Samsung Electronics, Co., Ltd.			
Ki-Ho JUNG Hyun-Woo LEE Ho-Kyu CHOI	Street Address: 416, Maetan-dong, Paldal-gu Kyungki-do			
Kyou-Woong KIM Sung-Oh HWANG	City: Suwon-city			
Seong-III PARK Hyun-Jung MUN	Country/State/Zip: Korea			
Additional name(s) of conveying party(ies) attached? [] yes [x] no	Additional names and addresses attached? [] yes [x] no			
3. Nature of Conveyance				
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: 5/7/01	MRD 6/13/01			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new appli	cation, the execution date of the application is_			
A. Patent Application No.(s)	B. Patent No.(s):			
09/788,980				
Additional numbers atta	ached? [] 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: Paul J. Farrell, Esq.	7. Total fee (37 C.F.R. 3.41) \$ 40.00			
Internal Address: <u>Dilworth & Barrese, LLP</u>	[x] Enclosed [] Authorized to be charged to deposit account			
Street Address: 333 Earle Ovington Boulevard	8. Deposit account number: 04-1121			
City: <u>Uniondale</u> State: <u>NY</u> ZIP: <u>11553</u>	(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 and correct and any attached copy is a true copy of the original document.				
Paul J. Farrell Name of Person Signing	06/11/01 Date			
Name of Person Signing Signature Date Reg. No. 33,494 Total number of pages including cover sheet, attachments and document [3]				
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PATENT REEL: 012191 FRAME: 0920

ASSIGNMENT

DOCKET NO. P9733

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:	APPARATUS AND METHOD FOR ASSIGNING A COMIN A CDMA COMMUNICATION SYSTEM	MON PACKET CH	ANNEL
and de hereto	ed by me (if only one inventor is named below) or us (if more that escribed in an application for a United States patent the specificator or otherwise accompanies this Assignment or indicates an attom, or is more particularly identified as:	tion of which is eith	er attached
[] [×] []	executed on even date herewith, or Serial No.09/788,980filed in the U.S. Patent & Trademark executed on	February Office 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 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 Peter G. Dilworth, Reg. No. 26,450 and Paul J. Farrell, Reg. No. 33,494, 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.

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.

PATENT REEL: 012191 FRAME: 0921 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	Witness(es)			
1) Chang Hal Koo	(Seal)	May 7,2001	Young Ju LIM			
Sung-Ho CHOI	(Seal)	May 7,2001	Young Ju LIM			
3) Ki-Ho JUNG	(Seal)	May 7,2001	Young Ju LIM			
4) Hyun-Woo LEE	(Seal)	May 7,2001	Young Ju LIM			
5) Ho-Kyu CHOI	(Seal)	May 7,2001	Young Ju LIM			
6) Kyou-Woong KIM	(Seal)	May 7,2001	Young Ju LIM			
7) Sung-Oh HWANG	(Seal)	May 7,2001	Young Ju LIM			
8) Seong-III PARK	(Seal)	May 7,2001	Young Ju LIM			
9) Hyun-Jung MUN	(Seal)	May 7,2001	Young Ju LIM			