FORM PTO-1595 (Rev. 6/93)

RE

12-30-2008

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No: 5000-1-1228

EET

103541642

Assistant Commissioner for Patents

To the Assistant Com	inissioner for racins
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Soeng-Hun KIM; Gert Jan VAN LIESHOUT; Hwan-Joon KWON	Name: SAMSUNG ELECTRONICS CO.; LTD.
	Address: 416, MAETAN-DONG, YEONGTONG-GU
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	SUWON-SI, GYEONGGI-DO
3. Nature of conveyance:	REPUBLIC OF KOREA
[X] Assignment [] Merger [] Security Agreement [] Change of Name	Additional name(s) & address(es) attached? [] Yes [X] No
Other: Execution Date:November 18, 2008	o 2
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
12/245,871	<u> </u>
Additional numbers attac	thed? [] 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 210 Route 4 East, Suite #103 Paramus, New Jersey 07652	[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)
DO NOT USE	E THIS SPACE
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
	Total number of pages mendang cover short, and

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

12/29/28/36 NUMAN

30000169 122456/1

W. FC:3031

40.00 09

(BDSM 8) (9/94)

Docket No.: 5000-1-1228

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) Soeng-Hun KIM of #321-1003, Cheongmyeongmaeul 3-danji APT., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 2) Gert Jan VAN LIESHOUT of Samsung Electronics Research Institute, Communication House South Street, Staines, Middlesex TW18 4QE, U.K
- 3) Hwan-Joon KWON of #944-1510, Byeokjeokgol 9-danji Lotte APT., Yeongtong-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 ADJUSTING UPLINK DATA RATE IN A MOBILE COMMUNICATION SYSTEM

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.

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

1

PATENT REEL: 022054 FRAME: 0577

Name of First Inventor: Soeng-Hun KIM	Signature of inventor
	Dated: November 8,2008
	WITNESSED:
Name of Second Inventor: Gert Jan VAN LIESH	OUT Signature of inventor
	Dated: 19 Hov 2008
	WITNESSED:
Name of Third Inventor: Hwan-Joon KWON	Signature of inventor
	Dated: November 8.2008
	Dated: November 8.2008 WITNESSED: Clo

2

PATENT REEL: 022054 FRAME: 0578