PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Min-Q Kim	09/16/2008	

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd.			
Street Address:	416, Maetan-dong, Yeongtong-gu			
City:	Suwon-si, Gyeonggi-do			
State/Country:	KOREA, REPUBLIC OF			

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	12233990			

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 8836-536/RDR

NAME OF SUBMITTER: Frank Chau

Total Attachments: 2

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> PATENT REEL: 021557 FRAME: 0734

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ASSIGNMENT

DOCKET NO.: 8836-536 (IB17254-US)

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, Yeongtong-gu, Suwon-si, Gyeonggi-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: MOBILE COMMUNICATION SYSTEMS AND RANGING METHODS THEREOF

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. 8836-536 (1817254-US), or is more particularly identified as:

G	execute	ed on c	ven date	herewith, or								
G	Serial	No.		filed	in	the	U.S.	Patent	&	Trademark	Office	on
—— G	or execute	 ed on _	,							,		
all cer examin patent my As	rtificates ned pate when g ssignee,	of co ents, an ranted, its suc	rrections d to any to be hel cessors,	, divisions, extensions ld and enjoy	con there ed b other	tinuat eof, sa y said legal	ions, caid into SAM repres	continuaterest being SUNG I sentative	ions ng th E LE s, to	nd therefore, -in-part, reise the entire own CTRONICS the full end	sued and ership of CO., L. of the to	re- the FD ., erm,

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>Frank Chau</u>, <u>Reg. No. 34,136</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.

PATENT REEL: 021557 FRAME: 0735 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

1) Min-Q (am Min-Q KIM

September 16, 2008

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RECORDED: 09/19/2008