

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chae Hwan CHO</td> <td>03/08/2013</td> </tr> <tr> <td>Song Man LEE</td> <td>03/13/2013</td> </tr> <tr> <td>Suk Yon KANG</td> <td>03/08/2013</td> </tr> <tr> <td>Ji MIn KIM</td> <td>03/13/2013</td> </tr> <tr> <td>Chun Young KIM</td> <td>03/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chae Hwan CHO	03/08/2013	Song Man LEE	03/13/2013	Suk Yon KANG	03/08/2013	Ji MIn KIM	03/13/2013	Chun Young KIM	03/13/2013
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Chun Young KIM	03/13/2013												
RECEIVING PARTY DATA													
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Street Address:	11, Euljiro 2-ga, Jung-gu												
City:	Seoul												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	100-999												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13867777</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13867777								
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CORRESPONDENCE DATA													
Fax Number:	7035185499												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Yoon S. Ham												

OP \$40.00 13867777

Signature:	/Yoon S. Ham/
Date:	04/22/2013
Total Attachments: 2 source=130422_0141_assignment#page1.tif source=130422_0141_assignment#page2.tif	

Docket No.:

## ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) CHO, Chae Hwan
- 2) LEE, Song Man
- 3) KANG, Suk Yon
- 4) KIM, Ji Min
- 5) KIM, Chun Young

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

SK TELECOM.CO., LTD, a Korean Corporation having a place of business at 11, Euljiro 2-ga, Jung-gu, Seoul 100-999, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

### METHOD FOR ESTIMATING AP POSITION USING LOG DATA, AND DEVICE AND TERMINAL FOR SAME

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_  
and identified by United States Patent Application No. \_\_\_\_\_; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) CHO Chae Hwan  
Name: CHO, Chae Hwan

8 March, 2013  
Date:

2) Lee, Song Man  
Name: LEE, Song Man

13, Mar, 2013  
Date:

3) Kang, Suk Yon  
Name: KANG, Suk Yon

8. Mar. 2013  
Date:

4) KIM, Ji Min  
Name: KIM, Ji Min

13. Mar. 2013  
Date:

5) KIM, Chun Young  
Name: KIM, Chun Young

13. Mar. 2013  
Date: