

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyoung-shick KIM</td> <td>01/12/2009</td> </tr> <tr> <td>SEong-ho CHO</td> <td>01/09/2009</td> </tr> <tr> <td>Dong-shin JUNG</td> <td>01/20/2009</td> </tr> <tr> <td>Won-seok KWON</td> <td>01/09/2009</td> </tr> <tr> <td>Ho-yeon PARK</td> <td>01/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hyoung-shick KIM	01/12/2009	SEong-ho CHO	01/09/2009	Dong-shin JUNG	01/20/2009	Won-seok KWON	01/09/2009	Ho-yeon PARK	01/20/2009
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<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.												
<b>Street Address:</b>	416, Maetan-dong, Yeongtong-gu												
<b>Internal Address:</b>	Gyeonggi-do												
<b>City:</b>	Suwon-si												
<b>State/Country:</b>	REPUBLIC OF KOREA												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12370132</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12370132								
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Application Number:	12370132												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(202)293-7860												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	202-293-7060												
<b>Email:</b>	MLEAHY@SUGHRUE.COM												
<b>Correspondent Name:</b>	SUGHRUE MION, PLLC												
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVENUE, N.W.												
<b>Address Line 2:</b>	SUITE 800												
<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20037												
<b>ATTORNEY DOCKET NUMBER:</b>	Q108695												
<b>NAME OF SUBMITTER:</b>	Christopher R. Lipp												

CH \$40.00 12370132

Total Attachments: 1  
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## Assignment


Whereas, We, Hyoung-shick KIM, Seong-ho CHO, Dong-shin JUNG, Won-seok KWON, and Ho-yeon PARK of Suwon-si, Republic of Korea, Seoul, Republic of Korea, Suwon-si, Republic of Korea, Suwon-si, Republic of Korea, and Seoul, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR GENERATING MASHUP GRAPH, AND METHOD AND APPARATUS FOR RECOMMENDING MASHUP SERVICE and executed an application for Letters Patent of the United States of America therefor on 20/January/2009; and

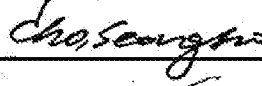
Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

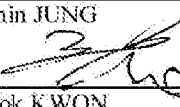
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.


We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: 12th Jan. 2009   
\_\_\_\_\_  
s/Hyoung-shick KIM

Date: Jan 9. 2009   
\_\_\_\_\_  
s/Seong-ho CHO

Date: 1.20.2009   
\_\_\_\_\_  
s/Dong-shin JUNG

Date: Jan 9. 2009   
\_\_\_\_\_  
s/Won-seok KWON

Date: 1.20.2009   
\_\_\_\_\_  
s/Ho-yeon PARK

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)