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DDIFIED Form <b>PTO-1595</b> v. 10/02)			EET U.S.	DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Director of the U.S. Paten Name of conveying party(ies): run-joo KANG ng-woo KIM o-kyung WOO on-ho OK ng-bong LEE	. 103051	2. Name and ad SAMSUNG ELI	dress of receiving party( ECTRONICS CO., LTD	ies):
Nature of conveyance:     Assignment   Image: Merger				11.2243 U.S. PTO 11/1887/6
ecution Date: July 18, 2005		Additional name(s	) & address(es) attached?	🗆 Yes 🗹 No
		on, the execution	date of the application	is: July 18 2005
A. Patent Application No.(s)		B. Patent No.(s)		
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<ul> <li>5. Itame and address of party to whom correspondence concerning document should be mailed:</li> <li>I SUGHRUE MION, PLLC</li> <li>WASHINGTON OFFICE</li> <li>23373</li> <li>CUSTOMER NUMBER</li> </ul>		<ul> <li>6. Total number of applications and patents involved: <ol> <li>1</li> </ol> </li> <li>7. Total fee (37 CFR 3.41): \$40.00</li> <li>☑ Enclosed.</li> <li>☑ Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.</li> </ul>		
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	To the Director of the U.S. Paten Name of conveying party(ies): un-joo KANG ng-woo KIMkyung WOO m-ho OK g-bong LEE ditional name(s) of conveying party(ies) attace Nature of conveyance: Assignment	To the Director of the U.S. Paten.       10305 1         Name of conveying party(ies):       un-joo KANG         ng-woo KIM	To the Director of the U.S. Paten.       103051992         Name of conveying party(ies):       2. Name and additional name(s) of conveying party(ies) attached?         ng-woo KIM       416, Maetan-dor of Korea         -byung WOO       of Korea         nahoo OK       age bong LEE         titional name(s) of conveying party(ies) attached?       Yes ☑ No         Nature of conveyance:       Assignment         Assignment       Merger         Security Agreement       Change of Name         Other       Additional name(s)         ecution Date:       July 18, 2005         Application number(s) or patent number(s):       B. Patent No.(         If this document is being filed together with a new application, the execution       Additional numbers attached?         Attach duplication No.(s)       B. Patent No.(         Stame and address of party to whom correspondence concerning document should be mailed:       * SUGHRUE MION, PLLC         ' SUGHRUE MION, PLLC       7. Total fee (37)         @ Enclosed.       Q Authorize         23373       CUSTOMER NUMBER         CUSTOMER NUMBER       Fees, except for U         Account No. 19-       Deposit Account 8.         Deposit Account 8.       S. Patent and signature.         To tal number of pages including cover sheet, attachtr	To the Director of the U.S. Paten.       103051992       ed original documer         Name of conveying party(ies):       2. Name and address of receiving party         meyoo KANG       2. Name and address of receiving party         new oo Kin       416, Metana-dong, Yeongton-gu, Suwor         Scyng WOO       16, Metana-dong, Yeongton-gu, Suwor         n-ho OK       Assignment       Merger         Sccurity Agreement       Change of Name       Additional name(s) & address(es) attached?         Other

PATENT REEL: 016812 FRAME: 0010

Docket No. Q88839 For Non-U.S. Clients

## Assignment

Whereas, We, Hyun-joo KANG, Sung-woo KIM, Joo-kyung WOO, Joon-ho OK, and Jung-bong LEE, all of Seoul, Republic of Korea, hereinafter called assignors, have invented certain improvements in THREE-DIMENSIONAL MOTION GRAPHIC USER INTERFACE AND METHOD AND APPARATUS FOR PROVIDING THE SAME and executed an application for Letters Patent of the United States of America therefor on ; 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 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:	É	July 18, 2005
Date:	s/Hyun-joo KANG	July 18, 2005
Date:	s/Sung-woo KIM	July 18, 2005
Date:	s/Joo-kyung WOO	July 18, 2005
Date:	s/Joon-ho OK	July 18, 2005
	s/Jung-bong LEE	

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

PATENT REEL: 016812 FRAME: 0011

**RECORDED: 07/26/2005** 

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