PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Title should read "METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT previously recorded on Reel 024833 Frame 0990. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
Tammy Lee	08/11/2010
Woo-Jin Han	08/11/2010
Jianle Chen	08/11/2010
Hae-Kyung Jung	08/11/2010

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:	12855884

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Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER: Q120215

PATENT

REEL: 028154 FRAME: 0520

NAME OF SUBMITTER:	Jonathan Chu
Total Attachments: 8 source=Request For Corrected Assignments	#page2.tif #page3.tif #page4.tif #page5.tif #page5.tif #page5.tif #page6.tif

PATENT REEL: 028154 FRAME: 0521

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 08/13/2010 501261622

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tammy LEE	08/11/2010
Woo-jin HAN	08/11/2010
Jianle CHEN	08/11/2010
Hae-kyung JUNG	08/11/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12855884

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NAME OF SUBMITTER:

Total Attachments: 1

PATENT REEL: 028154 FRAME: 0522 \$40 DD 42

:SUGHRUE MION, PLLC COMPANY:2100 PENNSYLVANIA AVENUE, N.W.

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PATENT REEL: 028154 FRAME: 0523

Assignment

Whereas, We, Tammy LEE, Woo-jin HAN, Jianle CHEN, Hae-kyung JUNG of Seoul, Republic of Korea, Suwon-si, Republic of Korea, Seoul, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT 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 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: farming // August 2010
Date: August 20/0 Date: August 20/0 Date: August 20/0.
Date: Joseph 11. Ay 2010
Date: Har Kyrng, Juny 11, Aug, 2010 s/Harkyung JUNG

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

PATENT REEL: 028154 FRAME: 0524

RECORDED: 05/03/2012