

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dong-Heon JUNG	12/01/2011
Soo-Mook MOON	12/01/2011
Kue-Hwan SIHN	12/01/2011
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State/Country:	REPUBLIC OF KOREA
Name:	SAMSUNG ELECTRONICS CO., LTD.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13311670
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PATENT
REEL: 027329 FRAME: 0485

NAME OF SUBMITTER:

Obert H. Chu

Total Attachments: 5

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JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS, we, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

MULTIMEDIA PRE-PROCESSING APPARATUS AND METHOD FOR VIRTUAL MACHINE

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent

on December 6, 2011 Application No. 13/311,670; and

WHEREAS,

(1) **SNU R&DB FOUNDATION**, a Republic of Korea foundation having its principal office(s) or place of business at:

Mt. 56-1, Sillim-dong, Gwanak-gu, Seoul, 151-742 Republic of Korea, and

(2) **SAMSUNG ELECTRONICS CO., LTD.**, a Republic of Korea corporation having its principal executive office(s) or place of business at:

416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea,

(hereinafter referred to as assignees), are each desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention, and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignees is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignees, their successors and assigns, any facts known to us

respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers and/or the rendering of such aid shall be borne by the assignees, their successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert the filing date and application number of said application above in the lines provided when known.


First Assignor:

Dong-Heon JUNG

103-711 Chagsin Moohak Apt., Bugi-ri, Jillyang-eup, Gyeongsan-si,
Gyeongsangbuk-do, Republic of Korea

Citizenship: Republic of Korea

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of
December, 2011

Signature: 
Dong-Heon JUNG

City of _____ :

:

Country of _____ :

Before me this _____ day of _____, 2011, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public

Second Assignor:

Soo-Mook MOON

34ho, Gwanak P. O. Box, Gwanak-gu, Seoul, Republic of Korea

Citizenship: Republic of Korea

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of
December, 2011

Signature: _____

Soo-Mook MOON

City of _____ :

:

Country of _____ :

Before me this _____ day of _____, 2011, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public

Third Assignor:

Kue-Hwan SIHN

602-1904 Humansia 6danji Apt., Donghwa-ri, Bongdam-eup,
Hwaseong-si, Gyeonggi-do, Republic of Korea

Citizenship: Republic of Korea

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of
December, 2011

Signature: Kue-Hwan Sihn
Kue-Hwan SIHN

City of _____ :

:

Country of _____ :

Before me this _____ day of _____, 2011, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public