

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3653412

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNG-HO LEE	11/26/2015
TAEKYOUNG KWON	11/24/2015
HAN-NA LIM	11/26/2015
DOOKYOON HAN	11/27/2015
JI-CHEOL LEE	11/26/2015
YOUNGBIN IM	12/01/2015
TAEJOONG CHUNG	11/19/2015

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD
Street Address:	129, SAMSUNG-RO
Internal Address:	YEONGTONG-GU, SUWON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
Name:	SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
Street Address:	(SILLIM-DONG) 1
Internal Address:	GWANAK-RO, GWANAK-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	08826

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14897623

CORRESPONDENCE DATA

Fax Number: (972)628-3616

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 972-628-3600

Email: patents@munckwilson.com

Correspondent Name: DOCKET CLERK
Address Line 1: P.O. DRAWER 800889
Address Line 4: DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	SAMS06-14116
NAME OF SUBMITTER:	WILLIAM A. MUNCK
SIGNATURE:	/William A. Munck/
DATE SIGNED:	12/10/2015

Total Attachments: 10
source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif
source=Assignment#page7.tif
source=Assignment#page8.tif
source=Assignment#page9.tif
source=Assignment#page10.tif

ASSIGNMENT

WHEREAS, We, Hyung-Ho Lee, resident of Yangcheon-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Taekyoung Kwon, resident of Gangnam-gu, Seoul, Republic of Korea citizen of Republic of Korea, Han-Na Lim, resident of Seongdong-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dookyoon Han, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Ji-Cheol Lee, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Youngbin Im, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, and Taejoong Chung, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD FOR PROVIDING VIDEO STREAMING SERVICE AND MOBILE DEVICE FOR SAME" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea and SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, having a place of business at (Sillim-dong) 1, Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

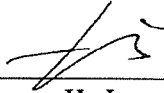
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any

other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: 2015-11-26

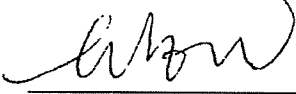


Hyung-Ho Lee

Date: _____

Taekyoung Kwon

Date: 2015-11-26

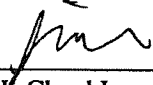


Han-Na Lim

Date: _____

Dookyoon Han

Date: 2015-11-26



Ji-Cheol Lee

Date: _____

Youngbin Im

Date: _____

Taejoong Chung

ASSIGNMENT

WHEREAS, We, Hyung-Ho Lee, resident of Yangcheon-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Taekyoung Kwon, resident of Gangnam-gu, Seoul, Republic of Korea citizen of Republic of Korea, Han-Na Lim, resident of Seongdong-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dookyoon Han, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Ji-Cheol Lee, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Youngbin Im, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, and Taejoong Chung, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD FOR PROVIDING VIDEO STREAMING SERVICE AND MOBILE DEVICE FOR SAME" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea and SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, having a place of business at (Sillim-dong) 1, Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any

ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: _____
Hyung-Ho Lee

Date: Nov-24-2015

Taekyoung Kwon

Date: _____
Han-Na Lim

Date: _____
Dookyoon Han

Date: _____
Ji-Cheol Lee

Date: _____
Youngbin Im

Date: _____
Taejoong Chung

ASSIGNMENT

WHEREAS, We, Hyung-Ho Lee, resident of Yangcheon-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Taekyoung Kwon, resident of Gangnam-gu, Seoul, Republic of Korea citizen of Republic of Korea, Han-Na Lim, resident of Seongdong-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dookyoon Han, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Ji-Cheol Lee, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Youngbin Im, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, and Taejoong Chung, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD FOR PROVIDING VIDEO STREAMING SERVICE AND MOBILE DEVICE FOR SAME" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea and SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, having a place of business at (Sillim-dong) 1, Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any

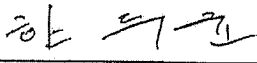
other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: _____
Hyung-Ho Lee

Date: _____
Taekyoung Kwon

Date: _____
Han-Na Lim

Date: 11.27.2015

Dookyoon Han

Date: _____
Ji-Cheol Lee

Date: _____
Youngbin Im

Date: _____
Taejoong Chung

ASSIGNMENT

WHEREAS, We, Hyung-Ho Lee, resident of Yangcheon-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Taekyoung Kwon, resident of Gangnam-gu, Seoul, Republic of Korea citizen of Republic of Korea, Han-Na Lim, resident of Seongdong-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dookyoon Han, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Ji-Cheol Lee, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Youngbin Im, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, and Taejoong Chung, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD FOR PROVIDING VIDEO STREAMING SERVICE AND MOBILE DEVICE FOR SAME" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea and SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, having a place of business at (Sillim-dong) 1, Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any

other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: _____

Hyung-Ho Lee

Date: _____

Taekyoung Kwon

Date: _____

Han-Na Lim

Date: _____

Dookyoon Han

Date: _____

Ji-Cheol Lee

Date: December 1, 2015

(Signature)

Youngbin Im

Date: _____

Taejoong Chung

ASSIGNMENT

WHEREAS, We, Hyung-Ho Lee, resident of Yangcheon-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Taekyoung Kwon, resident of Gangnam-gu, Seoul, Republic of Korea citizen of Republic of Korea, Han-Na Lim, resident of Seongdong-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dookyoon Han, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Ji-Cheol Lee, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Youngbin Im, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, and Taejoong Chung, resident of Gwanak-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD FOR PROVIDING VIDEO STREAMING SERVICE AND MOBILE DEVICE FOR SAME" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea and SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, having a place of business at (Sillim-dong) 1, Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any

interest in ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: _____
Hyung-Ho Lee

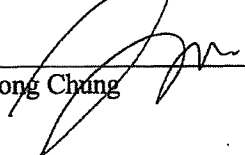
Date: _____
Taekyoung Kwon

Date: _____
Han-Na Lim

Date: _____
Dookyoon Han

Date: _____
Ji-Cheol Lee

Date: _____
Youngbin Im

Date: Nov 19, 2015

Taejoong Chung