## 503619964 12/18/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3666595

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOONYOUNG PARK	12/14/2015
JIHYUN PARK	12/14/2015

#### **RECEIVING PARTY DATA**

Name:	OPENTV, INC.
Street Address:	275 SACRAMENTO STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94111

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29549162

### **CORRESPONDENCE DATA**

**Fax Number:** (973)597-2400

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:** (973) 597-2500

Email: ckim@lowenstein.com

Correspondent Name: LOWENSTEIN SANDLER LLP

Address Line 1: PATENT DOCKET ADMINISTRATOR

Address Line 2: 65 LIVINGSTON AVENUE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER:	31343.30 (L0030)
NAME OF SUBMITTER:	PAUL M. KRUEGER
SIGNATURE:	/Paul M. Krueger, Reg. No. 64,944/
DATE SIGNED:	12/18/2015

#### **Total Attachments: 6**

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Docket No.: 31343.30 (L0030) (PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	
Joonyoung Park et al.	
Application No.: Not Yet Assigned	Confirmation No.: Not Yet Assigned
Filed: Herewith	
For: REMOTE CONTROL	
Commissioner for Patents	
P.O. Box 1450	
Alexandria, VA 22313-1450	
DECLARATION AND ASSIGNME UNDER RULE 37 CFR §1.63 EFFECTIVE	***************************************
I, Joonyoung Park of Mountain View, California,	USA, hereby declare that:
1. I believe I am the sole original inventor or an o invention in a patent application entitled:	riginal joint inventor of a claimed
REMOTE CONTR	OL
the specification of which:	
☐ The attached application, or	
was filed at the U.S. Patent and Trademark Application Serial No, and identified as A	Office on, as Attorney Docket No
2. I believe the following persons are additional o	riginal joint inventors of the above-
identified patent application:	
Jihyun Park of Mountain View, California, USA	;
3. I made, authorized to make, or will make or au patent application at the U.S. Patent and Trademark Office	
4. I have reviewed and understand the contents of including the claims.	the above-identified patent application
•	

OpenTV, Inc DP-D-18-p627-US1

Inventor 3 Joonyoung Park et al. Docket No.: 31343.30 (L0030)

Serial No. : Not Yet Assigned

Filed: Herewith Page: 2 of 3

5. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

6. I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

## 7. ASSIGNMENT

I hereby assign to **OpenTV**, **Inc.**, a corporation of Delaware, having a place of business at 275 Sacramento Street, San Francisco, CA, USA 94111, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled <u>**REMOTE CONTROL**</u>, said patent application also identified as follows (when known):

[I/we hereby authoriz	e an attorney or a	gent for said Assig	gnee to insert below	the
application number a	nd filing date of s	aid patent applicat	tion when known.]	
filed	and assigned U.S	. Serial Number _	······································	

This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

OpenTV, Inc DP-D-18-p627-US1

Inventor : Joonyoung Park et al. Docket No.: 31343.30 (L0030) Serial No.: Not Yet Assigned

Filed : Herewith

Page

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I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

- 8. I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to OpenTV, Inc. as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.
- 9. I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor:		**
Inventor's signature:	Allwh	
Date: 2	(14/2015	

Docket No.: 31343.30 (L0030)

(PATENT)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Joonyoung Park et al.	
Application No.: Not Yet Assigned	Confirmation No.: Not Yet Assigned
Filed: Herewith	Communicative Tot Assigned
For: REMOTE CONTROL	
Commissioner for Patents P.O. Box 1450	
Alexandria, VA 22313-1450	
DECLARATION AND ASSIGNMI UNDER RULE 37 CFR §1.63 EFFECTIVE	
I, Jihyun Park of Mountain View, California, US	A, hereby declare that:
1. I believe I am the sole original inventor or an original inventor in a patent application entitled:	original joint inventor of a claimed
REMOTE CONTI	ROL
the specification of which:	
☐ The attached application, or	
was filed at the U.S. Patent and Trademark Application Serial No, and identified as	Office on, as Attorney Docket No
2. I believe the following persons are additional of	original joint inventors of the above-
identified patent application:	
Joonyoung Park of Mountain View, California,	USA;
3. I made, authorized to make, or will make or au patent application at the U.S. Patent and Trademark Offi	
4. I have reviewed and understand the contents o including the claims.	f the above-identified patent application

OpenTV, Inc DP-D-18-p627-US1

Inventor : Joonyoung Park et al. Docket No.: 31343.30 (L0030)

Serial No. : Not Yet Assigned

Filed Herewith Page 2 of 3

5. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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#### 7. ASSIGNMENT

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[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]	
filed and assigned U.S. Serial Number	

This assignment includes the entire right, title and interest in said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

OpenTV, Inc DP-D-18-p627-US1

Inventor y Joonyoung Park et al. Docket No.: 31343.30 (L0030)

Serial No. 7 Not Yet Assigned

Filed Page # Herewith 3 of 3

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

- 8. I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to OpenTV, Inc. as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.
- 9. I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Jihyun Park	
Inventor's signature:	
Date: 12.14,205	

OpenTV, Inc DP-D-18-p627-US1

**RECORDED: 12/18/2015**