# 503799987 04/26/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
			Name	Execution Date	
DO KYUN KIM				03/21/2016	
IL GWON KIM				03/18/2016	
JIN GUN SONG				03/18/2016	
RECEIVING PARTY D	ΑΤΑ				
Name:	NEXTO	NEXTCHIP CO., LTD.			
Street Address:	323, P/	323, PANGYO-RO, BUNDANG-GU			
Internal Address:	GYEO	GYEONGGI-DO			
City:	SEON	SEONGNAM-SI			
State/Country:	KORE	KOREA, REPUBLIC OF			
Postal Code:	463-40	463-400			
PROPERTY NUMBERS	S Total: 1				
Property Type			Number		
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CORRESPONDENCE I	ΔΑΤΑ				
		• •	)401-9966		
			e-mail address first; if that is uns hat is unsuccessful, it will be ser		
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Email: pam@		@dc-m.com			
Correspondent Name: DALY		Y, CROWLEY, MOFFORD & DURKEE, LLP			
		A TURNPIKE STREET			
Address Line 2:					
Address Line 4:		CANTON, MASSACHUSETTS 02021-2714			
ATTORNEY DOCKET NUMBER:		MUHANN-009PUS			
NAME OF SUBMITTER:			DONALD F. MOFFORD		
SIGNATURE:		/DONALD F. MOFFORD/			
DATE SIGNED:		04/26/2016			
Total Attachments: 4		. –			
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#### ASSIGNMENT

Whereas we, the undersigned Do Kyun Kim, II Gwon Kim and Jin Gun Song, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND APPARATUS FOR RECEIVING VIDEO SIGNAL, identified as Attorney Docket No. MUHANN-009PUS, and Client Case No. FPE-2015-0129/US, which application was executed on 03-31-16-03-18-16, and filed on 4-32-16 and assigned Application No. 15003+18-16, and filed on 4-32-16 and assigned Application No. 15003+18-16, and filed on 4-32-16 and assigned Application No. 15003+18-16. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOPFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application.

Whereas NEXTCHIP CO., LTD., a Corporation having a place of business at 323. Pangyo-ro, Bundang-gu, Scongnam-si Gyeonggi-do 463-400, Republic of Korca, and which, together with its successors and assigns, is hereinafter called "Assignce," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignce to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination, PCT, PCT National Phase and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

 Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

 Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

### PATENT ASSIGNMENT Atty, Dekt, No.: MUHANN-009PUS Client Case No.: FPE-2015-0129/US

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Leners Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof, and to furnish Assignce with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument on the date indicated next to my name.

No 2 🕺 

L/LM Do Kyun Kim

Witnessed by:

March 21, 2016 Dated: \_\_\_\_\_

First Witness Signature

Najung KIM First Witness Printed Name

March 21, 2016

Dated:

Seo

Second Witness Signature

Eunseo KIM

Second Witness Printed Name

PATENT REEL: 038523 FRAME: 0562

## PATENT ASSIGNMENT Atty. Dekt. No.: MUHANN-009PUS Client Case No.: FPE-2015-0129/US

2016. 03. 18 Dated: \_\_\_\_\_

Witnessed by:

March 18, 2016 Dated: \_\_\_\_\_

11 Össen Kim

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First Witness Signature

Najung KIM

First Witness Printed Name

March 18, 2016

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Dared: Ň 8.5.5

560 Second Witness Signature

Eunseo KIM

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Second Witness Printed Name

PATENT REEL: 038523 FRAME: 0563

PATENT ASSIGNMENT Atty. Dekt. No.: MUHANN-009PUS Client Case No.: FPE-2015-0129/US

Jin Gun Song

Dated: \_\_\_\_\_\_\_ 07,18

Witnessed by:

March 18, 2016 .

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First Witness Signature

Najung KIM

First Witness Printed Name

March 18, 2016

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Second Witness Signature

L.

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Eunseo KIM

Second Witness Printed Name

583547

**RECORDED: 04/26/2016**