

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5344501

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIM KYE-HYEON	01/21/2019
KIM YONGJOONG	01/21/2019
KIM INSU	01/21/2019
KIM HAK-KYOUNG	01/21/2019
NAM WOONHYUN	01/21/2019
BOO SUKHOON	01/21/2019
SUNG MYUNGCHUL	01/21/2019
YEO DONGHUN	01/21/2019
RYU WOOJU	01/21/2019
JANG TAEWOONG	01/21/2019
JEONG KYUNGJOONG	01/21/2019
JE HONGMO	01/21/2019
CHO HOJIN	01/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STRADVISION, INC.
<b>Street Address:</b>	NO 4427, 4 RESEARCH BLDG. RIST, 67 CHEONGAM-RO, NAM-GU
<b>City:</b>	POHANG, GYEONGBUK
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	37673
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16258221
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)578-0104
<i>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.</i>	
<b>Phone:</b>	7325780103
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<b>Correspondent Name:</b>	KBS LAW / INTERNATIONAL
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PATENT

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<b>ATTORNEY DOCKET NUMBER:</b>	9571-009US1
<b>NAME OF SUBMITTER:</b>	IRENE CHRISTINE
<b>SIGNATURE:</b>	/Irene Christine/
<b>DATE SIGNED:</b>	01/25/2019
<b>Total Attachments: 2</b> source=FP18071_US_Assignment_9571-009US1#page1.tif source=FP18071_US_Assignment_9571-009US1#page2.tif	

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE  
Assignment and Agreement

For value received, I/We, **Kim Kye-Hyeon**, of Seoul, Republic of Korea, **Kim Yongjoong** of Gyeongsangbuk-do, Republic of Korea, **Kim Insu** of Gyeongsangbuk-do, Republic of Korea, **Kim Hak-Kyoung** of Gyeongsangbuk-do, Republic of Korea, **Nam Woonhyun** of Pohang-si, Gyeongsangbuk-do, Republic of Korea, **Boo SukHoon** of Gyeonggi-do, Republic of Korea, **Sung Myungchul** of Gyeongsangbuk-do, Republic of Korea, **Yeo Donghun** of Gyeongsangbuk-do, Republic of Korea, **Ryu Wooju** of Gyeongsangbuk-do, Republic of Korea, **Jang Taewoong** of Seoul, Republic of Korea, **Jeong Kyungjoong** of Pohang-si, Gyeongsangbuk-do, Republic of Korea, **Je Hongmo** of Pohang-si, Gyeongsangbuk-do, Republic of Korea, **Cho Hojin** of Gyeongsangbuk-do, Republic of Korea, hereby sell, assign and transfer to **Stradvision, Inc.**, having an office at No 4427, 4 research bldg. RIST, 67 Cheongam-ro, Nam-Gu, Pohang, Gyeongbuk, 37673, Republic of Korea, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions disclosed and claimed in United States Patent Application Serial No. **16/258221**, filed on **January 25, 2019**, entitled **LEARNING METHOD AND LEARNING DEVICE FOR EXTRACTING FEATURE FROM INPUT IMAGE BY USING CONVOLUTIONAL LAYERS IN MULTIPLE BLOCKS IN CNN, RESULTING IN HARDWARE OPTIMIZATION WHICH ALLOWS KEY PERFORMANCE INDEX TO BE SATISFIED, AND TESTING METHOD AND TESTINGDEVICE USING THE SAME**, and all the rights and privileges in said applications and under any and all Letters Patent that may be granted in the United States for said inventions. I/We also concurrently hereby sell, assign and transfer to Stradvision, Inc. the entire right, title and interest in and to any and all non-provisional, divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications, claiming the benefit of said application and any and all Letters Patent that may issue therefrom.

I/We also concurrently hereby sell, assign and transfer to Stradvision, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

Because the application serial number and/or filing date of this application is not known at the time of the execution of this Assignment and Agreement, I/we authorize the duly-appointed attorneys of Kaplan Breyer Schwarz, LLP to insert the filing date and application serial number of this application in the above paragraph when known.

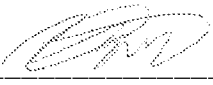
I/We authorize Stradvision, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me/us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

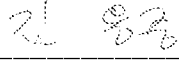
I/We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document, which may be required in any country in proof of the right of Stradvision, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

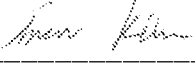
I/We request that any and all patents for said inventions be issued to Stradvision, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Stradvision, Inc. may designate.

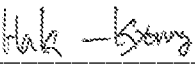
I/We agree that, when requested, I/we shall, without charge to Stradvision, Inc. but


at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

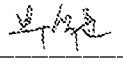
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**Kim Kye-Hyeon** and Date

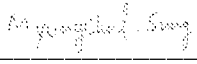
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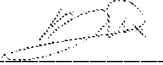
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**Kim Insu** and Date

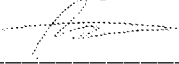
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**Kim Hak-Kyoung** and Date

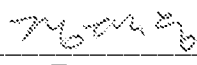
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**Nam Woonhyun** and Date

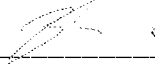
 January 21, 2019  
**Boo SukHoon** and Date

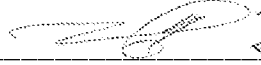
 January 21, 2019  
**Sung Myungchul** and Date

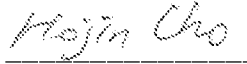
 January 21, 2019  
**Yeo Donghun** and Date

 January 21, 2019  
**Ryu Wooju** and Date

 January 21, 2019  
**Jang Taewoong** and Date

 January 21, 2019  
**Jeong Kyungjoong** and Date

 January 21, 2019  
**Je Hongmo** and Date

 January 21, 2019  
**Cho Hojin** and Date