505835432 12/23/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYE-HYEON KIM	12/13/2019
YONGJOONG KIM	12/13/2019
HAK-KYOUNG KIM	12/13/2019
WOONHYUN NAM	12/13/2019
SUKHOON BOO	12/13/2019
MYUNGCHUL SUNG	12/13/2019
DONGSOO SHIN	12/13/2019
DONGHUN YEO	12/13/2019
WOOJU RYU	12/13/2019
MYEONG-CHUN LEE	12/13/2019
HYUNGSOO LEE	12/13/2019
TAEWOONG JANG	12/13/2019
KYUNGJOONG JEONG	12/13/2019
HONGMO JE	12/13/2019
HOJIN CHO	12/13/2019

RECEIVING PARTY DATA

Name:	STRADVISION, INC.	
Street Address:	SUITE 304-308, 5TH VENTURE-DONG, 394, JIGOK-RO, NAM-GU, POHANG-SI	
City:	GYEONGSANGBUK-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	37668	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16724994

CORRESPONDENCE DATA

Fax Number: (314)480-1505

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.

PATENT 505835432 REEL: 051357 FRAME: 0735

Phone: 314-480-1500

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ATTORNEY DOCKET NUMBER: 502167.215

NAME OF SUBMITTER: NICOLE ANDERSON

SIGNATURE: /Nicole Anderson/

DATE SIGNED: 12/23/2019

Total Attachments: 4

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> PATENT REEL: 051357 FRAME: 0736

ASSIGNMENT

WHEREAS, Kye-Hyeon Kim, a resident of Seoul, Republic of Korea; Yongjoong Kim, a resident of Gyeongsangbuk-do, Republic of Korea; Hak-Kyoung Kim, a resident of Gyeongsangbuk-do, Republic of Korea; Woonhyun Nam, a resident of Gyeongsangbuk-do, Republic of Korea; SukHoon Boo, a resident of Gyeonggi-do, Republic of Korea; Myungchul Sung, a resident of Gyeongsangbuk-do, Republic of Korea; Dongsoo Shin, a resident of Gyeonggi-do, Republic of Korea; Donghun Yeo, a resident of Gyeongsangbuk-do, Republic of Korea; Wooju Ryu, a resident of Gyeongsangbuk-do, Republic of Korea; Myeong-Chun Lee, a resident of Gyeongsangbuk-do, Republic of Korea; Hyungsoo Lee, a resident of Seoul, Republic of Korea; Taewoong Jang, a resident of Seoul, Republic of Korea; Kyungjoong Jeong, a resident of Gyeongsangbuk-do, Republic of Korea; Hongmo Je, a resident of Gyeongsangbuk-do, Republic of Korea; and Hojin Cho, a resident of Gyeongsangbuk-do, Republic of Korea (hereinafter referred to as "Assignors"), are the inventors of a certain new and useful invention relating to a LEARNING METHOD AND LEARNING DEVICE FOR UPDATING HD MAP BY RECONSTRUCTING 3D SPACE BY USING DEPTH ESTIMATION INFORMATION AND CLASS INFORMATION ON EACH OBJECT, WHICH HAVE BEEN ACQUIRED THROUGH V2X INFORMATION INTEGRATION TECHNIQUE. AND TESTING METHOD AND TESTING DEVICE USING THE SAME for which Assignors are about to make application for Letters Patent in the United States; and

WHEREAS, Assignors are the owners and in full possession of the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor anywhere in the world; and

WHEREAS, Stradvision, Inc., a corporation duly organized under the laws of the Republic of Korea (hereinafter referred to as "Assignee"), having its principal office and

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PATENT REEL: 051357 FRAME: 0737 place of business at Suite 304-308, 5th Venture-dong, 394, Jigok-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, 37668, Republic of Korea, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor; and

NOW, THEREFORE, for and in consideration of the sum of One Dollar (U.S. \$1.00) and other valuable considerations to Assignors paid by said Assignee, receipt and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee, the entire right, title and interest in and to said invention and improvements thereto, and in and to any and all patent applications, including provisional and non-provisional patent applications, Letters Patent, both United States and foreign, that may be granted therefor, together with any and all continuations, divisions, or reissues, and Assignors do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said application or otherwise for said invention to Stradvision, Inc. as the Assignee of the entire right, title and interest in and to the same, for the sole use and benefit of Stradvision, Inc., its successors or assigns.

IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.

Dated: New No. 18 . Sulf . Kye-Hyeon Kim

IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.

Dated: Possible 18 200 Yongjoong Kim

IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.

Mander 10, 209 Hale - Good Kim

PATENT REEL: 051357 FRAME: 0738

Dated:		
	IN WITNESS WHEREOF, Assignor	mi.
Dated:	<u> Asserban B. X</u> A .	Woonhyun Nam
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	<u>Danks, 19, 29.</u>	Sukhoon Boo
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	Destinber: 12, 2019	Myungchul Sung Myungchul Sung
		Myungenui Sung
	IN WITNESS WHEREOF, Assignor	
Dated:	December 13, 2019	Dongsoo Shin
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	Docamber 12, 2019	
		Donghun Yeo
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	Lanta 13, 20 99	Wooju Ryu
		wooju Kyu
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	December 13, 2019	Myeong-Chun Lee
		Mycong-Chun Lee

	IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.	
Dated:	December 13,2019	
		Hyungsoo Lee
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	December 13 , 2019	Taewoong Jang
		Taewoong Jang
Dated:	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
		Kyungjoong Jeong
Dated:	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
		Hongmo Je
	IN WITNESS WHEREOF, Assignor	has hereunto set his hand and seal.
Dated:	<u>December 13, 2019</u>	Hojin Cho
		Hojin Cho

RECORDED: 12/23/2019