504656706 11/27/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEONG-EUN JANG	03/15/2017
JAE-CHUL KIM	11/15/2017

RECEIVING PARTY DATA

Name:	RAYENCE CO., LTD.
Street Address:	14, SAMSUNG 1-RO 1-GIL, HWASEONG-SI,
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	445-170
Name:	VATECH EWOO HOLDINGS CO., LTD.
Name: Street Address:	VATECH EWOO HOLDINGS CO., LTD. 14, SAMSUNG 1-RO 1-GIL, HWASEONG-SI,
	·
Street Address:	14, SAMSUNG 1-RO 1-GIL, HWASEONG-SI,

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15511633	

CORRESPONDENCE DATA

Fax Number: (571)267-7255

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: 5712677183
Email: email@iplsllc.com

Correspondent Name: IP LEGAL SERVICES, LLC

Address Line 1: P.O. BOX 651325

Address Line 4: STERLING, VIRGINIA 20165

ATTORNEY DOCKET NUMBER:	810.0094
NAME OF SUBMITTER:	YUJIN CHUN
SIGNATURE:	/yujin chun/
DATE SIGNED:	11/27/2017

PATENT REEL: 044222 FRAME: 0655

Total Attachments: 4

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PATENT REEL: 044222 FRAME: 0656 Customer No.: 76277 Attorney Docket No.: 810.0094

ASSIGNMENT

Application	No	15/511,633	Filing Date	03/15/2017
For acknowledg	good a ged, the	nd valuable consider undersigned:	ation, the receipt and suffi	ciency of which is hereby
1)	<u>JANG</u>	Seong-Eun		
2)	KIM,	lae-Chul		
who have n	iade cer	tain new and useful ir	ventions, hereby sell, assig	gn and transfer to
Rayence C	o., Ltd.			
having an a 14, Samsun and			yeonggi-do 445-170, Reput	olic of Korea
VATECH	EWOO	Holdings Co., Ltd.		
having an a	ddress :	at	yeonggi-do 445-170, Repub	
and interest	for the		tatives (collectively "Assign foreign countries, in and to a	nee"), the entire right, title
IMAGE SI USING SA		, AND IMAGE SYS	TEM AND IMAGE PROC	CESSING METHOD
03/15/2 identified h this Assign reissue and United State	o17 ere by the ment, are all others and a	and assigned U.S. Paralling date and serial mand in and to the applicator applications for Left foreign countries for	Patent of the United States atent Serial Number 15 number, executed on even dition and all divisional, contiters Patent which have been the Inventions, and all the restricted therefore including an	/511,633 , or if not late with the execution of nuing, substitute, renewal, on or shall be filed in the lights and privileges under
sign all pap be necessar	ers, take y, desir	all rightful oaths, ma	ed will, without charge to Aske all rightful declarations a securing and maintaining all countries and for vesting	and do all acts which may patents or other forms of

Page 1 of 2

Customer No.: 76277

Altorney Docket No.: 810.0094

The undersigned authorize and empower Assignce to make applications for patent or other form of protection for the inventions in Assignce's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the inventions filed by Assignce the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

The undersigned hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignce to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

The undersigned authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

	INVENTOR	DATE
1)	Nun	2017.03.13
	JANG, Scong-Eun	
2)		
	KIM, Jac-Chul	

Customer No.: 76277 Attorney Docket No.: 810.0094

ASSIGNMENT

Application No. 15/511,633	Filing Date	03/15/2017
For good and valuable consideration, the acknowledged, the undersigned:	receipt and suffic	ciency of which is hereby
1) JANG, Seong-Eun		
2) KIM, Jae-Chul		
who have made certain new and useful inventions,	hereby sell, assign	n and transfer to
Rayence Co., Ltd.		
having an address at 14, Samsung 1-ro 1-gil, Hwaseong-si, Gyeonggi-de	o 445-170, Repub	lic of Korea
and		
VATECH EWOO Holdings Co., Ltd.		
having an address at 14, Samsung 1-ro 1-gil, Hwaseong-si, Gyeonggi-do	5 445-170, Repub	lie of Korea
its successors, assigns and legal representatives (co and interest for the United States and all foreign co improvements ("Inventions") related to	llectively "Assign intries, in and to a	nce"), the entire right, title any and all inventions and
IMAGE SENSOR, AND IMAGE SYSTEM AND USING SAME	D IMAGE PROC	CESSING METHOD
As described in an application for Letters Patent of 03/15/2017 and assigned U.S. Patent Serial identified here by filing date and serial number, exthis Assignment, and in and to the application and all reissue and all other applications for Letters Patent United States and all foreign countries for the Inventany and all Letters Patent that may be granted there thereof.	al Number 15 recuted on even d I divisional, conti at which have bee tions, and all the r	/511,633, or if not late with the execution of nuing, substitute, renewal, on or shall be filed in the ights and privileges under

The undersigned agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

Attorney Docket No.: 810,0094

Customer No.: 76277

The undersigned authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

The undersigned hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

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IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

	INVENTOR	DATE
i)		
•	JANG, Seong-Eun	
2):	12492	1. 19 . 11. 15
	KIM, Jac-Chul	