503222782 03/17/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3269399

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SU-RAM CHA	03/06/2015	
JONG-SUK LEE	03/06/2015	

RECEIVING PARTY DATA

Name:	SK HYNIX INC.
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB, ICHEON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14660718

CORRESPONDENCE DATA

Fax Number: (571)327-5452

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: 571-327-5450

Email: ipntlaw@ipntlaw.com Correspondent Name: IP & T GROUP LLP

Address Line 1: 8230 LEESBURG PIKE SUITE 650

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P14H0173/US
NAME OF SUBMITTER:	JUN JEONG PARK
SIGNATURE:	/Jun Jeong PARK/
DATE SIGNED:	03/17/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=IVX000135632_P14H0173US_ASSIGNMENT&DECLARATION#page1.tif source=IVX000135632 P14H0173US ASSIGNMENT&DECLARATION#page2.tif

PATENT REEL: 035185 FRAME: 0604 503222782

SHINSUNG: IVX000135632(P14H0173/US)

Attorney Docket N	lo.:	——————————————————————————————————————
ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT		
WHEREAS CHA, Su-Ram	, her	einafter
referred to collectively as the assignor and inventor, has invented a certain improvement relating to		
COLOR FILTER ARRAY, IMAGE SENSOR INCLUDING THE SAME, AND INFRARED DATA		
ACQUISITION METHOD USING THE SAME		
[X] said application being attached hereto; [] said application having been filed in the United States Patent and Trademark Office on	and was	amended
on(if applicable); [] the specification of which was filed under the Patent Cooperation Treaty on		
Serial No, the United States of America being designated.	_,	
AND WHEREAS <u>SK hynix Inc.</u> hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and inte application, including any and all divisions and continuations thereof, and in and to said invention and which may be granted therefor, including any and all renewals, reissues and prolongations thereof;	erest in and any and all	to said patents
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and off consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exinterest in and to said application, including any and all divisions and continuations thereof, and in and any and all patents which may be granted therefor, including any and all renewals, reissues and prole assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said applicat all divisions and continuations thereof, and the said invention and any and all patents which may including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privile anywise arising from or appertaining thereto, for and during the term or terms of any and all such including any and all renewals, reissues and prolongations thereof, for the use and benefit of sa assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might of enjoyed the same, if this assignment had not been made.	, said assigned to said in ongations to tion, includy be grant eges and ac patents whaid assigned rould ha	gnor hereby ht, title and vention and hereof; said ing any and ed therefor, lvantages in hen granted, he, and said ve held and
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and prolongations thereof.	ssignee's su d all renew	iccessors or als, reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to said application, and on any and all divisions and continuations thereof, to said assignee, and said assigns, in accordance herewith.	issue Lette signee's suc	rs Patent on ecessors and
As an above-named inventor, I hereby declare that the above-identified application was made by me, and that I am the original inventor or an original joint inventor of a claimed invention in t	ide or authorithe applicat	orized to be ion.
I hereby acknowledge that any willful false statement made in this declaration is punishable by fine or imprisonment of not more than five (5) years, or both.	under 18	U.S.C. 1001
ASSIGNOR (INVENTOR):		
Signature: Date: March 06,2015		
Printed or Typed Name: <u>CHA, Su-Ram</u>		

Page 1 of 1

SHINSUNG:	
Attorney Docket No.:	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS LEE, Jong-Suk		_, here	inafter
referred to collectively as the assignor and inventor, has invented a certain improvement relating to			
COLOR FILTER ARRAY, IMAGE SENSOR INCLUDING THE SAME, AND INFRARED DATA			
ACQUISITION METHOD USING THE SAME			
[X] said application being attached hereto;			
Legid application having been filed in the United States Patent and Trademark Office on			
as Application Serial No.	and	was	amended
on(if applicable); [] the specification of which was filed under the Patent Cooperation Treaty on			
[] the specification of which was filed under the Patent Cooperation Treaty on	_,		
Serial No, the United States of America being designated.			
AND WHIEDEAC CV homiz Inc			_
AND WHEREAS <u>SK hynix Inc.</u> hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and int	erest i	n and t	o said
application, including any and all divisions and continuations thereof, and in and to said invention and	any a	nd all p	atents
which may be granted therefor, including any and all renewals, reissues and prolongations thereof;	•	•	
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and of consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and e interest in and to said application, including any and all divisions and continuations thereof, and in an any and all patents which may be granted therefor, including any and all renewals, reissues and prolassignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said applica all divisions and continuations thereof, and the said invention and any and all patents which maincluding any and all renewals, reissues and prolongations thereof, with all the rights, powers, privil anywise arising from or appertaining thereto, for and during the term or terms of any and all such including any and all renewals, reissues and prolongations thereof, for the use and benefit of sassignee's successors and assigns, in as ample and beneficial a manner as the said assignor might of enjoyed the same, if this assignment had not been made.	d, said xclusind to salongation, ition, itio	assign ve righ aid inv ions the ncludingranted and adv ats whe ssignee ld have	nor hereby t, title and ention and ereof; said ng any and d therefor, vantages in en granted, , and said e held and
AND said assignor hereby agrees to perform, upon the request of said assignee, or said a assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any an and prolongations thereof.	ssigne d all r	e's suc enewa	ccessors or ls, reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to said application, and on any and all divisions and continuations thereof, to said assignee, and said as assigns, in accordance herewith.	issue signee	Letters	s Patent on essors and
As an above-named inventor, I hereby declare that the above-identified application was made by me, and that I am the original inventor or an original joint inventor of a claimed invention in	ade or the ap	autho: plication	rized to be on.
I hereby acknowledge that any willful false statement made in this declaration is punishable by fine or imprisonment of not more than five (5) years, or both.	unde	r 18 U	.S.C. 1001
ASSIGNOR (INVENTOR):			
Signature: Date: March 06,2015			
Printed or Typed Name: <u>LEE, Jong-Suk</u>			

Page 1of 1