504197411 01/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4244087

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHINAV GOLAS	01/04/2017
KARTHIK RAMANI	01/10/2017
JOHN W. BROTHERS	01/09/2017

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14743728

CORRESPONDENCE DATA

Fax Number: (650)842-1301

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: 6508421300

Email: ERSaito@beyerlaw.com
Correspondent Name: BEYER LAW GROUP LLP

Address Line 1: P.O. BOX 51887

Address Line 4: PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	SISAP416
NAME OF SUBMITTER:	EDWARD VAN GIESON
SIGNATURE:	/Edward Van Gieson/
DATE SIGNED:	01/26/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT REEL: 041091 FRAME: 0499

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	DITHERED SAMPLING PATTERNS FOR TEMPORAL COLOR AVERAGING		
As the undersi	As the undersigned inventor, I hereby declare that:		
This combined assignment is	I declaration and The attached application, or directed to: \(\sum \text{United States application or PCT International application number \frac{14/743.72\text{8}}{\text{filed on June 18, 2015}}.		
The above-ide	intified application was made or authorized to be made by me.		
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.		
	ed and understand the contents of the application including the claims, for which this combined declaration and being submitted.		
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR		
Suwon-si, Gy	Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu eonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;		
inventors, here above-identifications, a Convention of	NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.		
granted, to sai apply for pate papers and ge	We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
	AE OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: _A	bhinav GOLAS Date: 1/4/2013		
Signature:	<u>alu</u>		
<u> </u>			
LEGAL NAN	ME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
Inventor:	Karthik RAMANI Date:		
Signature:			

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Atty Docket No. SISAP416/ APL14-GP11-A2

PATENT REEL: 041091 FRAME: 0500

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	John W. BROTHERS	Date:	_
Signature:			

Atty Docket No: SISAP416/ APL14-GP11-A2

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

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As the undersigned inventor, I hereby declare that:			
This combined assignment is c	declaration and The attached application, or Municed States application or PCT International application number 14/743.728 filed on June 18, 2015.		
The above-idea	ntified application was made or authorized to be made by me.		
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.		
	d and understand the contents of the application including the claims, for which this combined declaration and being submitted.		
I am aware of t 1.56.	he duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR		
Suwon-si, Gye	WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;		
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.			
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.			
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LEGAL NAMI	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: <u>Ab</u>	hinay GOLAS Date:		
Signature:			
LEGALNAMI	OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Karthik RAMANI Date: 01/10/2017			
Signature: Lower L			

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LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:John W. BROTHERS	Date:		
Signature:			

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Atty Docket No: SISAP416/ APL14-GP11-A2

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	This combined declaration and assignment is directed to: The attached application, or United States application or PCT International application number 14/743,728 filed on June 18, 2015.			
The above-ident	tified application was made or authorized to be made by me.			
I believe that I a	am the original inventor or an original joint inventor of a claimed invention in the application.			
	I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.			
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NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.				
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I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: Abl	hinav GOLAS Date:			
Signature:				
LEGAL NAME	E OF SECOND INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: <u>k</u>	Karthik RAMANI Date:			
Signature:				

Atty Docket No: SISAP416/ APL14-GP11-A2 Page 1 of 2

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)	
The state of the s	
Inventor: John W. BROTHERS Date: /////	
Signature: Strats 10 With a	

Atty Docket No: SISAP416/ APL14-GP11-A2

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