506435731 01/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6482498

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHEN TONG	01/04/2021
YIBO XU	01/04/2021
JOHN W. GLOTZBACH	01/04/2021
HAMID R. SHEIKH	01/05/2021
RUIWEN ZHEN	01/06/2021
BAEKDU CHOI	01/04/2021

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
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17139880

CORRESPONDENCE DATA

Fax Number: (972)628-3616

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.

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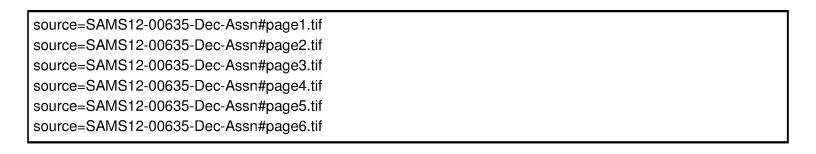
Email: patents@munckwilson.com **DOCKET CLERK - SAMS Correspondent Name:** Address Line 1: P.O. DRAWER 800889 Address Line 4: DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	SAMS12-00635
NAME OF SUBMITTER:	DAVID M. DOYLE
SIGNATURE:	/David M. Doyle, Reg. No. 43,596/
DATE SIGNED:	01/06/2021

Total Attachments: 6

PATENT REEL: 054829 FRAME: 0201

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PATENT REEL: 054829 FRAME: 0202

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

Title of Invention	IMAGE SHARPENING			
As the undersi	As the undersigned inventor, I hereby declare that:			
This combined assignment is	d declaration and directed to: □The attached application, or □United States application or PCT International application number 17/139,880 filed on December 31, 2020.			
The above-ide	entified application was made or authorized to be made by me.			
I believe that I	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, Gye	WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, 16677, 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;			
inventors, here above-identific applications, a Convention of	EFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named eby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the ed application and the invention disclosed therein in all countries, including all divisional applications, continuation and corresponding priority applications including those to which priority is claimed under the International Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted II reissues thereof.			
granted, to said apply for pater papers and ger	thorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when d ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may not start in the invention in foreign countries without further authorization from us. Also, We agree to execute all nerally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing invention in all countries.			
	owledge that any willful false statement made in this combined declaration and assignment is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAM	IE OF FIRST INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Zhen Tong Date: Jan 4, 2021			
Signature:	IZhen Tong			

PATENT REEL: 054829 FRAME: 0203

SAMS12-00635

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Yibo Xu	Date: Jan 4, 2021	
Signature:	Yibo Xu	/	

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

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Hamid R. Sheikh	Date: Jan 5, 2021	
Signature:	HRShrikh	/	

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Ruiwen Zhen	Date: Jan 6, 2021	
Signature:	Ruiwen Zhen		-

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Baekdu Choi	Date: Jan 4, 2021	
Signature:	Васкди Choi	/	

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