504708275 12/29/2017

EPAS ID: PAT4754997

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNHYUK WOO	09/22/2017
JEONGWON KIM	09/22/2017
HYOENG-KI KIM	09/22/2017
KWANGWOO PARK	09/22/2017
BONGYEON KIM	09/22/2017

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	1, SAMSUNG-RO, GIHEUNG-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15858115

CORRESPONDENCE DATA

Fax Number: (408)638-0326

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: 408 331 1670

Email: shamade@innovationcounsel.com
Correspondent Name: INNOVATION COUNSEL LLP

Address Line 1: 2890 ZANKER ROAD

Address Line 2: SUITE 200

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: KORY03673 US

NAME OF SUBMITTER: KYU WAN RYU

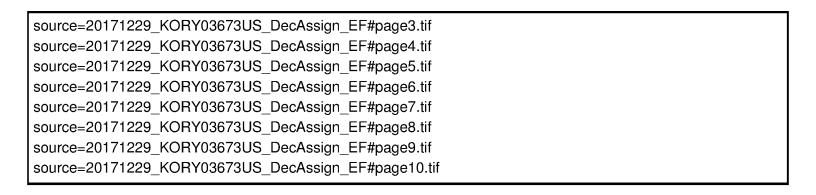
SIGNATURE: /Kyu Wan Ryu/

DATE SIGNED: 12/29/2017

Total Attachments: 10

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As a octow-name	eo inventor, i:		
	Junhyuk WOO of	102-502, 7, Tancheonsang-ro, Suji-	
		gu, Yongin-si, Gyeonggi-do, Republic	
		of Korea	

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

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The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

FURTHER, for good and valuable consideration, receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Samsung Display Co., Ltd. a corporation, having a place of business at 1, Samsung-Ro, GiHeung-Gu, Yongin Si, Gyeonggi-Do, Republic of Korea, its successors and assigns, the entire right, title and interest throughout the world in the invention for which a patent is sought by way of the above-identified application, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

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Junhynk		 	
Junhyuk WOO			
2019 9.	2.2		
Date		 	

Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

As a below-name	ed inventor, I:	
	Jeongwon KIM	12-606, 44, Dongnam-ro 18-gil,
		Songpa-gu, Seoul, Republic of Korea

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

# which X is attached hereto. _______as Application Serial No. ________

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Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

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Jeonghon	La.	
Jeongwon KIM		
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Date		

Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

As a below-named inventor, I:

Hyoeng-ki KIM of 6112-3304, 76, Central town-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

## was filed on ______as Application Serial No.

The above-identified application was made or authorized to be made by me.

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Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

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Date					

Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

As a below-named inventor, I:

Kwangwoo PARK of A-1613, 160, Dongtanbanseok-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

## which Sis attached hereto. _______as Application Serial No. ________as Application Serial No.

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Samsung Ref.: LO-201702-045-1-US0 Attorney Docket No. KORY03673 US

[KORYO IP & LAW]

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Kwangwoo PARK  2019 9 22	
Date (Control of the Control of the	

Attorney Docket No. KORY03673 US Samsung Ref.: LO-201702-045-1-US0

As a below-named inventor, I:

Bongyeon KIM of 107-1904, 190, Sadang-ro 27-gil, Dongjak-gu, Seoul, Republic of Korea

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

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PATENT REEL: 044505 FRAME: 0714***

Bungyeon Kim				
Bongyeon KIM				
2017. 9. 22				
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Date				

Samsung Ref. : LO-201702-045-1-US0 Attorney Docket No. KORY03673 US