505552255 07/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5599056

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	ΑΤΑ	I					
		Name	Execution Date				
CHILHEE CHUNG			06/27/2019				
JUNHEE CHOI			06/27/2019				
SUNGWOO HWANG			06/27/2019				
SHINAE JUN	06/27/2019						
DEUKSEOK CHUNG			06/27/2019				
JUNSEOK CHO			06/27/2019				
	T •						
RECEIVING PARTY DA							
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State/Country:	KOREA, REPUBLIC OF						
Postal Code:	16677	16677					
PROPERTY NUMBERS	Total: 1						
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Property Type Application Number: CORRESPONDENCE D		Number					
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PATENT REEL: 049640 FRAME: 0552

Total Attachments: 4

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Docket No.: Q238374 SAIT Ref: RS2017070141US0 Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

특허 출원 관련 양도 및 선언(연방규칙집 제 37 조 1.63 항)

Korean Language Assignment with Declaration

이하 양도인으로 지칭되는 하기 서명 발명자인 본인(들)은 아래에 명시된 출원에서 서술한 특정 개선을 발명하였으므로 그리고

에 소재한 (당수인)는(은) 출원 및 발명의 그리고 이에 따라 획득될 일체의 미국 특히에 대한 모든 권리, 소유권 및 이권을 획득하기를 원하므로,

이제 대가를 위한 그 수령을 인정합니다.

상기 양도인인 본인(들)은 상기 명칭의 양수인, 그 승계자 및 그 양수인에게 모든 분할과 그 연속을 포함하여 미국 용으로 공개된 출원과 발명 그리고 그에 대해 승인될 수 있는 미국의 모든 특허증서와 미합중국 코드 제 35 장 제§119 항에 의거한 우선권 청구권과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에 대한 전체 권리, 소유권 및 이권을 판매, 양도 및 이전하며 그리고 본인(들)은 출원서에 제시된 발명에 대해 승인된 일체의 특허증서를 양수인, 그 승계자 또는 그 양수인에게 발급하도록 미국 특허청장에게 요청하는 바이며 또한 본인(들)은 양수인의 요청할 경우 미국 출원과 관련하여 양수인이 필요하다고 생각하는 모든 서류를 더 이상의 보수 없이 서명날인할 것입니다.

(공인은 기록을 위해 요구되지는 않지만 미합중국 코드 제 35 장 제\$261 항에 의거 서명날인에 대한 일응의 증거입니다)

본인은 아래 성명의 발명자로서 다음과 같이 선언합니다.

본 양도 및 선언서는 다음 사항을 위한 것입니다.

MEEN984231 (Elizano Electronics Lepi)/16 31+ 1129248 (20080000006666)

🔲 첨부출원또는

미합중국 출원 또는 PCT 국제출원 번호:_____

국제같은 U.S.

본 출원의 제목은 다음과 같습니다.

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO. LTD. of 129</u>, <u>Samsung-ro. Yeongtong-gu. Suwon-si, Gyeonggi-do, 16677</u>, <u>Republic of Korea</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assigner(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignce, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignce in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

The attached application, or

United States Application or PCT International
Application Number _______ filed on

The application is entitled:

.....,

DISPLAY APPARATUS

Korean Language Assignment with Declaration

위에 표시된 출원은 본인이 신청하였거나 또는 신청하도록 허가를 받았습니다.

본인은, 본인이 본 출원에서 청구된 발명의 원 발명자 또는 원 공동 발명자라고 믿습니다.

본인은 본 양도 및 선언서 제출과 관련된 출원의 내용을 검토하였으며 아울리 이해합니다.

본인은 연방 규정 코드 제 37 장 제 1.56 한에 규정된 바에 따라, 특히성의 판단에 중요한 본인이 아는 모든 정보를 특허청에 공개할 의무가 있음을 알고 있습니다.

본 양도 및 선언서 내에 의도적 허위 진술이 있을 정우 미합중국 코드 제 18 장의 1001 항에 의거 벌금이나 5 년 이하의 징역 또는 두 가져 처벌을 모두 반을 수 있음을 인정합니다. The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

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

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

2014



Signature <u>March 17</u>

[Page 2]

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x = '/* - x x x	echnology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678,
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Inventor's signature 발명자의 서명 HWANG	Lirgur 2019.06.27
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Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이름(성씨는 제외) Shinae	JUN
Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이름(성위는 제외) Shinae Inventor's signature 발명자의 서명	Family Name or Sumame 광(姓) IUN 전ate 일자 2019.06.27
Sebul, Republic of Korea Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이름(성씨는 제외) Shinae Inventor's signature 발명자의 시명 Residence: 거주지: Seongnam-si, Gyeonggi-do, Republic of K Mailing Address: c/o Samsung Advanced Institute of Te	Family Name or Surmame 상(姓) JUN Date 앞자 2019.06.27
Nailing Address: c/o Samsung Advanced Institute of Te 유편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 내번째 발명자회 성명 Given Name (first and middle [if any]) 이븀(성쇄는 제외) Shinae Inventor's signature 발명자의 서명 Residence: 거주지: Seongnam-si, Gyeonggi-do, Republic of K Mailing Address: c/o Samsung Advanced Institute of Te 유편 주소: c/o Samsung Advanced Institute of Te Republic of Korea	Family Name or Surmame 상(姓) JUN Date 앞자 2019.06.27
Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이븅(성씨는 제외) Shinae Inventor's signature 발명자의 서명 Residence: 거주지: Seongnam-si, Gyeonggi-do, Republic of K Mailing Address: c/o Samsung Advanced Institute of Te 유편 주소: c/o Samsung Advanced Institute of Te Republic of Korea NAME OF FIFTH INVENTOR: 다섯번째 발명자의 성명 Given Name (first and middle [if any]) 이용(서비는 데이)	Family Name or Surname 생(또) JUN Date 원자 2019.06.27 Corea echnology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678, Family Name or Surname
Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이름(성씨는 제외) Shinae Inventor's signature 발명자의 서명 Residence: 거주지: Seongnam-si, Gyeonggi-do, Republic of K Mailing Address: c/o Samsung Advanced Institute of Te Republic of Korea NAME OF FIFTH INVENTOR: 다섯번째 발명자의 성명 Given Name (first and middle [if any]) 이름(성씨는 책의) Deukseok	Family Name or Surname 정(姓) JUN Date 인과 2019.06.27 Lorea echnology, i 30, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678, Family Name or Surname
Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: Republic of Korea NAME OF FOURTH INVENTOR: 네번째 발명자의 성명 Given Name (first and middle [if any]) 이븀(성씨는 제외) Shinae Inventor's signature 발명자의 서명 Residence: 거주지: Seongnam-si, Gyeonggi-do, Republic of K Mailing Address: c/o Samsung Advanced Institute of Te 우편 주소: c/o Samsung Advanced Institute of Te Republic of Korea NAME OF FIFTH INVENTOR: 다섯번째 발명자의 성명 Given Name (first and middle [if any]) 이용(성씨는 책외) Deukscok Inventor's signature 발명가의 서평	Family Name or Surname 정(또) JUN Date 일과 2019.06.27 Corea echnology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678, Family Name or Surname 정(姓) CHUNG Date 일과 2019.06.27
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