PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3136959

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN-YOUNG PARK	11/11/2014
JEONG-DOO LEE	11/11/2014
SUNG-JUN KIM	11/11/2014
YUN-MI KIM	11/13/2014
KYUNG-HWA LIM	11/11/2014
KI-HYUN PYUN	11/11/2014

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	95, SAMSUNG 2 RO, GIHEUNG-GU,
City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14563200

CORRESPONDENCE DATA

Fax Number: (516)692-8889

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: 516-692-8888

Email: mail@chauiplaw.com

Correspondent Name: F. CHAU & ASSOCIATES, LLC

130 WOODBURY ROAD Address Line 1:

Address Line 4: WOODBURY, NEW YORK 11797

ATTORNEY DOCKET NUMBER:	8054L-925
NAME OF SUBMITTER:	FRANK CHAU
SIGNATURE:	/Frank Chau/
DATE SIGNED:	12/08/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=8054L-925-assign#page1.tif

REEL: 034425 FRAME: 0420 503090354

PATENT

source=8054L-925-assign#page2.tif source=8054L-925-assign#page3.tif source=8054L-925-assign#page4.tif source=8054L-925-assign#page5.tif

> PATENT REEL: 034425 FRAME: 0421

COMBINED DECLARATION (37 CFR \$1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application. WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented? VARIABLE GATE CLOCK GENERATOR, DISPLAY DEVICE INCLUDING THE SAME AND Title: METHOD OF DRIVING DISPLAY DEVICE for which Assignor is about to make or has made United States or international application for patent. WHEREAS, as a below named inventor(s), (/(we) hereby declare that: Section I. Declaration This declaration is directed to: XI-The attached U.S. non-provisional patent application, or-U.S. non-provisional patent application number _____ PCT International patent application number ______, filed on The above-identified application was made or authorized to be made by me (us). I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application. I (we) 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. 1 This form requires the use of an Application Data Sheet. SDC Ref No. LL-201404-249-1-US0 Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 1 of 5

> PATENT REEL: 034425 FRAME: 0422

SAMSUNG DISPLAY CO., LTD.11/11/2014

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

having an address at 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC \$100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesald application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesald application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility

SDC Ref No.	LL-201404-249-1-US0	Attorney Ref No.	8054L-925
· · · · · · · · · · · · · · · · · · ·			

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 2 of 5

model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, or extension thereof, and for litigation (egarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of F.Chau & Associates, LLC the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

Family Name	First Given Name	Second Given Name
PARK	Min-Young	
P	DATE	2014.11-17
	Family Name	Family Name First Given Name PARK Min-Young

SDC Ref No.	LL-201404-249-1-US0	Attorney Ref No.	8054L-925

.EE	4.5 W	
	Jeong-Doo	
	DATE	2014.11.11
		DATE

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Sung-Jun	
	著名ができる 現代ができる		Į.
SIGNATURE	W.S.	DATE	204 IL 11
128			

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Yun-Mi	
			1
	î.		
SIGNATURE	रिक्का	DATE -	2014/11/18

SDC Ref No.	LL-201404-249-1-US0	Attorney Ref No.	8054L-925	

COMBINED DECLARATION (37 GFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 4 of 5

SAMSUNG DISPLAY CO., LTD.11/11/2014

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LIM	Kyung-Hwa	
SIGNATURE		DATE	10.11

		Second Given Name
PYUN	Ki-Hyun	
37/H	DATE	14.11.11

SDC Ref No	LL-201404-249-1-US0	Attorney Ref No.	8054L-925

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 5 of 5

PATENT REEL: 034425 FRAME: 0426

RECORDED: 12/08/2014