505447162 04/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5493963

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yen-Tao Liao	03/12/2019
Hung-Hsiang Chen	03/13/2019
Jen-Ta Yang	04/25/2019
Yi-Wei Lin	03/15/2019
Huang-Chin Tang	03/20/2019

RECEIVING PARTY DATA

Name:	NOVATEK Microelectronics Corp.
Street Address:	2F, No. 13, Innovation Rd. I, Hsinchu Science Park
City:	Hsin-Chu
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16395247

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NVAP0583USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	04/26/2019

Total Attachments: 10 source=3454898#page1.tif source=3454898#page2.tif source=3454898#page3.tif

PATENT 505447162 REEL: 049002 FRAME: 0688

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Title of Invention:

Driving method for source driver and related display system

As the below named inventor, I hereby declare that: This declaration is directed to:					
☑ The attached application, or					
☐ United States application nu	filed on	_, or			
☐ PCT international application	number	filed on			
The above-identified application was	made or authorized to be mad	e by me.			
I believe that I am the original invent application.	or or an original joint inventor o	f a claimed invention in the			
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this disonment of not more than five	eclaration is punishable (5) years, or both.			
In consideration of the payment by	NOVATEK Microelectron Corp.	ics having a postal ac	ddress of		
2F, No. 13, Innovation Rd. I, H	sinchu Science Park, Hsi	n-Chu 300, Taiwan, R.O	.C.		
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ 1 d valuable consideration.	.00), the receipt of which is h	nereby		
I hereby sell, assign and transfer to ASSIGNEE and the successors and assignees of the ASSIGNEE the entire right, title and interest in and to any and all improvements which are disclosed in the invention as above-identified application and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof.					
I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;					
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal					
representatives any and all papers, is maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have her	lication, said invention and said cessary or desirable to carry ou	Letters Patent and said it the proposes thereof.			
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire nventive entity, must accompany this form. Use this form for each additional inventor.					

Page 1 of 10

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Yen-Tao Liao

Date:

2019.3.12.

Signature:

Jon-Two Ziew

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F#NPO-P0002E-US1201 DSB0-108U007440

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

Title of Invention:

Driving method for source driver and related display system

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application number			on	, or
☐ PCT international application	number	file	ed on	
The above-identified application was	made or authorized to	be made by me.		
I believe that I am the original inventagplication.	or or an original joint in	ventor of a claime	d invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impri	I false statement made isonment of not more th	in this declaration an five (5) years,	is punishable or both.	
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2F, No. 13, Innovation Rd. I, H	sinchu Science Pa	rk, Hsin-Chu 3	- 00, Taiwan, R.	O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	ol of the sum of One Do d valuable consideratio	ollar (\$ 1.00), the n.	receipt of which is	shereby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified application or substitutes, or extensions thereof, ar	nd to any and all improvition and, in and to, all L any continuations, con	ements which are etters Patent to b tinuation-in-part,	e disclosed in the le obtained for said divisions, renewal	d s,
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or e n this assignment;	ncumbrance has	been or will be ma	ade or
I further covenant that ASSIGNEE wi and documents relating to said inven known and accessible to I and will te related thereto and will promptly exec	tion and said Letters Pa stify as to the same in a	atent and legal eq any interference, l	luivalents as may itigation proceedir	be
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	lication, said invention cessary or desirable to	and said Letters F carry out the prop	Patent and said coses thereof.	
Note: An application data sheet (PTC				

Page 3 of 10

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Hung-Hsiang Chen

Date: 2019, 3, 13

Page

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US F#NPO-P0002E-US1201 DSB0-108U007440

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I hereby covenant that no assignment entered into which would conflict with		mbrance has	been or will be	made or
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal				
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	olication, said invention and ecessary or desirable to carr	said Letters F y out the prop	Patent and said poses thereof.	i
Note: An application data sheet (PTC inventive entity, must accompany this				

Page 5 of 10

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Jen-Ta Yang

Date:

APR 2 5 2019

Signature:

Jon-Ta Tang

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F#NPO-P0002E-US1201 DSB0-108U007440

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

Title of Invention:

Driving method for source driver and related display system

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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar			eceipt of which is he	reby	
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, an	nd to any and all improv tion and, in and to, all L r any continuations, con	ements which are etters Patent to be tinuation-in-part, o	e disclosed in the e obtained for said divisions, renewals,	IEE	
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NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Yi-Wei Lin

Date:

2019. 63. 15

Signature: Ti-Wei Lin

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NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US F#NPO-P0002E-US1201 DSB0-108U007440

Title of Invention:

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I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbrar n this assignment;	ice has been or will be made	or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Patent and estify as to the same in any interfe	legal equivalents as may be rence, litigation proceeding	s
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have her	olication, said invention and said tecessary or desirable to carry out	Letters Patent and said the proposes thereof.	
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NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Huang-Chin Tang

Date:

2019/3/20

Signature: Hvana Chi

Page 10 of 10

F#NPO-P0002E-US1201 DSB0-108U007440

RECORDED: 04/26/2019

NPO#NVA-P0583-USA:0 CUST#NVT-2018-115-US