504083866 11/06/2016

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
Yu-Hao Hsu	11/01/2016
Jui-Chang Lin	11/01/2016
Ming-Han Lee	11/01/2016
Wei-Cheng Lin	11/01/2016

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:	15344575

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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: 3027291562

Patent.admin.uspto.cr@naipo.com Email:

WINSTON HSU **Correspondent Name:** Address Line 1: P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	NVAP0496USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	11/06/2016

Total Attachments: 8

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504083866

PATENT REEL: 040233 FRAME: 0788

EPAS ID: PAT4130534



PATENT REEL: 040233 FRAME: 0789

Title of Invention: Source Driving Device with 3 Types of Gate Oxide Layer

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed o	on	, or
☐ PCT international application	n number	file	ed on	***************************************
The above-identified application was	made or authorized t	o be made by me.		
I believe that I am the original invent application.	or or an original joint i	nventor of a claime	d invention in the	3
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	l false statement mad isonment of not more	e in this declaration than five (5) years,	is punishable or both.	
In consideration of the payment by	NOVATEK Micro	electronics	having a postal	l address of
2F, No. 13, Innovation Rd. I, H	sinchu Science P	ark, Hsin-Chu 3	– 00, Taiwan, R	.o.c.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One I nd valuable considerat	Dollar (\$ 1.00), the ion.	receipt of which i	s hereby
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, ar	nd to any and all impro tion and, in and to, all rany continuations, co	vements which are Letters Patent to b entinuation-in-part.	e disclosed in the e obtained for sa divisions, renewa	e nid als
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or n this assignment;	encumbrance has	been or will be m	nade 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	ition and said Letters I stify as to the same in	Patent and legal eq any interference, l	uivalents as may itigation proceedi	/ be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention cessary or desirable t	n and said Letters F o carry out the prop	Patent and said poses thereof.	ate of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent) s form. Use this form f	, including naming or <u>each additional</u> i	the entire	

Page 1 of 8

NPO#NVA-P0496-USA:0 CUST#NVT-2016-070-US

Docket No NVAP0496USA

Inventor:

SMITCHTUS 2018 31/03 36 32-32

Yu-Hao Hsu

Date:

2016/11/1

Signature:

Yu-hao Heu

Page 2 of 8

F#NPO-P0002E-US1201 DSB0-105U024977

PATENT REEL: 040233 FRAME: 0791

Title of Invention:

Source Driving Device with 3 Types of Gate Oxide Layer

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed	on	, or
☐ PCT international application	n number	fil	ed on	
The above-identified application was	made or authorized	to be made by me.		***************************************
I believe that I am the original invent application.	or or an original joint	inventor of a claim	ed invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement mad isonment of not more	le in this declaratio than five (5) years	n is punishable , or both.	
In consideration of the payment by	NOVATEK Micro Corp.	electronics	having a postal	address of
2F, No. 13, Innovation Rd. I, H	sinchu Science P	ark, Hsin-Chu	 300, Taiwan, R.	O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One id valuable considera	Dollar (\$ 1.00), the tion.	receipt of which is	hereby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applicat invention by the above application or substitutes, or extensions thereof, an	nd to any and all impr tion and, in and to, all rany continuations, co	overnents which ar Letters Patent to I ontinuation-in-part	re disclosed in the be obtained for said divisions, renewal	d s
I hereby covenant that no assignmen entered into which would conflict with	nt, sale, agreement or n this assignment;	encumbrance 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 stify as to the same ir	Patent and legal ed Lanv interference.	quivalents as may l litigation proceedin	he
representatives any and all papers, ir maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention cessary or desirable t	n and said Letters o carry out the pro	Patent and said poses thereof.	te of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent s form. Use this form), including naming for <u>each additional</u>	the entire inventor.	

Page 3 of 8

Docket No NVAP0496USA

LEGAL NA	ME OF INVENTOR(ASSIGNOR)			
Inventor:	Jui-Chang Lin	Date:	2016/11/1	
Signature:	Jui Chang Lin			

Page 4 of 8

NPO#NVA-P0496-USA:0 CUST#NVT-2016-070-US

MALO1348 CC16/11-02 16:42 12

Title of Invention:

Source Driving Device with 3 Types of Gate Oxide Layer

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ The attached application, or			-
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☐ PCT international application	number	filed on	
The above-identified application was	made or authorized to be made	by me.	***************************************
I believe that I am the original invent application.	or or an original joint inventor of a	a claimed invention in the	
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I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applicat invention by the above application or substitutes, or extensions thereof, an	nd to any and all improvements w tion and, in and to, all Letters Pat any continuations, continuation-i	hich are disclosed in the ent to be obtained for said in-part, divisions, renewals	
hereby covenant that no assignment that no assignment entered into which would conflict with	t, sale, agreement or encumbran this assignment;	ce has been or will be mad	e or
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 Patent and l stify as to the same in any interfe	legal equivalents as may be rence. litigation proceeding	<u>.</u>
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne N WINTNESS WHEREOF, I have he	lication, said invention and said L cessary or desirable to carry out	etters Patent and said the proposes thereof.	of signing)
Note: An application data sheet (PTC nventive entity, must accompany this	o/SB/14 or equivalent), including is form. Use this form for <u>each add</u>	naming the entire ditional inventor.	

Page 5 of 8

NPO#NVA-P0496-USA:0 CUST#NVT-2016-070-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Ming-Han Lee Date:

Date: 70/6////

Signature: Ming-Han Lee

Page 6 of 8

Title of Invention:

Source Driving Device with 3 Types of Gate Oxide Layer

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ The attached application, or			
☐ United States application nu	mber	filed on	, or
☐ PCT international application	n number	filed on	•
The above-identified application was	made or authorized to be made	by me.	***************************************
l believe that I am the original invent application.	or or an original joint inventor of a	a claimed invention in the	
l hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this decisionment of not more than five (5	claration is punishable) years, or both.	
In consideration of the payment by	NOVATEK Microelectronic Corp.	s having a postal add	lress of
2F, No. 13, Innovation Rd. I, H	sinchu Science Park, Hsin	-Chu 300, Taiwan, R.O.0	C .
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0 od valuable consideration.	00), the receipt of which is he	reby
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 or substitutes, or extensions thereof, ar	nd to any and all improvements w tion and, in and to, all Letters Pat any continuations, continuation-i	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals	EE
hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbran n this assignment;	ce has been or will be made	or
further covenant that ASSIGNEE wand documents relating to said inventonown and accessible to I and will terelated thereto and will promptly executed.	tion and said Letters Patent and stify as to the same in any interfe	legal equivalents as may be rence. litigation proceeding	ts
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne N WINTNESS WHEREOF, I have he	lication, said invention and said L cessary or desirable to carry out	etters Patent and said the proposes thereof.	f signing)
Note: An application data sheet (PTC	D/SB/14 or equivalent), including is form. Use this form for <u>each ad</u> c	naming the entire litional inventor.	

Page 7 of 8

NPO#NVA-P0496-USA:0 CUST#NVT-2016-070-US

Docket No NVAP0496USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

inventor:

Wei-Cheng Lin

Date:

2016/11

Signature:

Wei-Cheng Lin

Page 8 of 8

F#NPO-P0002E-US1201 DSB0-105U024977

RECORDED: 11/06/2016 REEL

NPO#NVA-P0496-USA:0

CUST#NVT-2016-070-US

PATENT REEL: 040233 FRAME: 0797