503311863 05/19/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3358481

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ke-Horng Chen	04/20/2015
Chao-Chang Chiu	05/05/2015
Hao-Yuan Lin	05/05/2015
Che-Hao Meng	05/05/2015
Chih-Wei Chang	05/05/2015
Ying-Hsiang Wang	05/11/2015

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:	14715620

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:

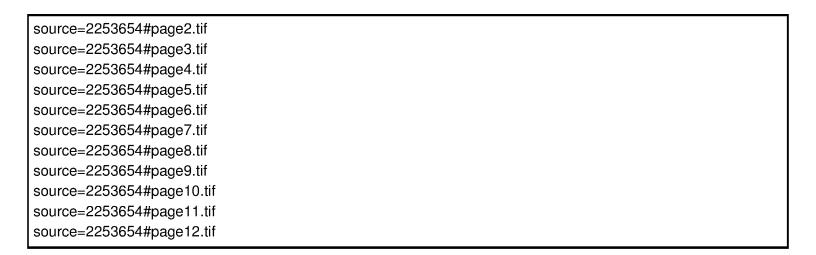
Correspondent Name: WINSTON HSU P.O.BOX 506 Address Line 1:

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	TORNEY DOCKET NUMBER: NVAP0413USA	
NAME OF SUBMITTER:	KATE YEH	
SIGNATURE:	/KATE YEH/	
DATE SIGNED:	05/19/2015	

Total Attachments: 12 source=2253654#page1.tif

> **PATENT** REEL: 035663 FRAME: 0770 503311863



PATENT REEL: 035663 FRAME: 0771

Title o	of Inv	entior	1:
Knee	Volta	ge De	etector

As the below named inventor, I hereby declare that: This declaration is directed to:		
☑ The attached application, or		
☐ United States application number	filed on ,	or
☐ 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 inventor or an original joint inventor of application.	a claimed invention in the	
I hereby acknowledge that any willful false statement made in this decunder18 U.S.C. 1001 by fine or imprisonment of not more than five (5	claration is punishable 5) years, or both.	
In consideration of the payment by NOVATEK Microelectronic Corp.	cs having a postal addr	ess of
2F, No. 13, Innovation Rd. I, Hsinchu Science Park, Hsin	 -Chu 300, Taiwan, R.O.C	ĸ
(referred to as "ASSIGNEE"below) to I of the sum of One Dollar (\$ 1.0 acknowledged, andfor other good and valuable consideration.	00), the receipt of which is her	eby
I hereby sell, assign and transfer to ASSIGNEE and the successors a the entire right, title and interest in and to any and all improvements winvention as above-identified application and, in and to, all Letters Patinvention by the above application or any continuations, continuations substitutes, or extensions thereof, and as to Letters Patent any reissu	vhich are disclosed in the tent to be obtained for said	ΕE
I hereby covenant that no assignment, sale, agreement or encumbrar entered into which would conflict with this assignment;	nce has been or will be made o	or
I further covenant that ASSIGNEE will, upon its request, be provided and documents relating to said invention and said Letters Patent and known and accessible to I and will testify as to the same in any interferelated thereto and will promptly execute and deliver to ASSIGNEE or	legal equivalents as may be	s
representatives any and all papers, instruments or affidavits required maintain, issue and enforce said application, said invention and said I equivalents thereof which may be necessary or desirable to carry out IN WINTNESS WHEREOF, I have hereunto set hand and seal this	Letters Patent and said the proposes thereof.	signing)
Note: An application data sheet (PTO/SB/14 or equivalent), including inventive entity, must accompany this form. Use this form for each ad	naming the entire ditional inventor.	

NPO#NVA-P0413-USA:0 CUST#NVT-2014-007-US Page 1 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Ke-Horng Chen		Date:	20/5/4/20
Signature:	te-Horng	Chen		

Page 2 of 12

As the below named inventor, I hereby declare that: This declaration is directed to:		
☑ The attached application, or		
☐ United States application number	filed on	, or
☐ PCT international application number	filed on	-
The above-identified application was made or authorized	to be made by me.	New College Co
I believe that I am the original inventor or an original joint application.	inventor of a claimed invention in the	
I hereby acknowledge that any willful false statement made under18 U.S.C. 1001 by fine or imprisonment of not more	le in this declaration is punishable than five (5) years, or both.	
In consideration of the payment by NOVATEK Micro Corp.	electronics having a postal	address of
2F, No. 13, Innovation Rd. I, Hsinchu Science F	ark, Hsin-Chu 300, Taiwan, R.	O.C.
(referred to as "ASSIGNEE"below) to I of the sum of One acknowledged, andfor other good and valuable considera	Dollar (\$ 1.00) the receipt of which is	
I hereby sell, assign and transfer to ASSIGNEE and the s the entire right, title and interest in and to any and all impr invention as above-identified application and, in and to, al invention by the above application or any continuations, c substitutes, or extensions thereof, and as to Letters Pater	ovements which are disclosed in the I Letters Patent to be obtained for said ontinuation-in-part, divisions, renewal	d
I hereby covenant that no assignment, sale, agreement or entered into which would conflict with this assignment;	encumbrance has been or will be ma	ade or
I further covenant that ASSIGNEE will, upon its request, be and documents relating to said invention and said Letters	e provided promptly with all pertinent Patent and legal equivalents as may	facts be

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for each additional inventor.

representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

related thereto and will promptly execute and deliver to ASSIGNEE or its legal

IN WINTNESS WHEREOF, I have hereunto set hand and seal this

known and accessible to I and will testify as to the same in any interference, litigation proceeding

Page 3 of 12

NPO#NVA-P0413-USA:0 CUST#NVT-2014-007-US

Title of Invention: Knee Voltage Detector

> F#NPO-P0002E-US1201 DSC0-104U004371

(Date of signing)

MAY 05 2015

LEGAL NAME OF INVENTOR (ASSIGNOR)			1 6	
Inventor:	Chao-Chang Chiu	Date:	2015,5,5	>
Signature:	Chas-Charg Ch	.74		

Page 4 of 12

Knee Voltage Detector			
As the below named inventor, I hereby declar This declaration is directed to:	e that:		
☑ The attached application, or			
☐ United States application number	fi	led on	, or
☐ PCT international application number	Γ	filed on	
The above-identified application was made or	authorized to be made by	me.	
I believe that I am the original inventor or an oapplication.	original joint inventor of a cl	aimed invention in	the
I hereby acknowledge that any willful false sta under18 U.S.C. 1001 by fine or imprisonment			•
In consideration of the payment by NOVA1	EK Microelectronics	having a pos	stal address of
2F, No. 13, Innovation Rd. I, Hsinchu	Science Park, Hsin-C	hu 300, Taiwan,	R.O.C.
(referred to as "ASSIGNEE"below) to I of the acknowledged, andfor other good and valuab		, the receipt of whic	ch is hereby
I hereby sell, assign and transfer to ASSIGNE the entire right, title and interest in and to any invention as above-identified application and, invention by the above application or any consubstitutes, or extensions thereof, and as to L	and all improvements which in and to, all Letters Paten tinuations, continuation-in-	ch are disclosed in it to be obtained for part, divisions, rene	the · said ewals,
I hereby covenant that no assignment, sale, a entered into which would conflict with this ass		has been or will be	e made or
I further covenant that ASSIGNEE will, upon i and documents relating to said invention and known and accessible to I and will testify as to related thereto and will promptly execute and	said Letters Patent and leg the same in any interfere	gal equivalents as r nce, litigation proce	nay be
representatives any and all papers, instrumer maintain, issue and enforce said application, equivalents thereof which may be necessary IN WINTNESS WHEREOF, I have hereunto	said invention and said Let or desirable to carry out the	tters Patent and sai	
Note: An application data sheet (PTO/SB/14 inventive entity, must accompany this form I			

Page 5 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

Title of Invention:

LEGAL NAI	ME OF INVENTOR (ASSIGNOR)			
Inventor:	Hao-Yuan Lin	Date:	2015.5.5	
Signature:	Hao-Yuan Lin			

Page 6 of 12

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	number	file	d on	
The above-identified application was	made or authorized	to be made by me.		
I believe that I am the original inventapplication.	or or an original joint	inventor of a claime	d invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr				
In consideration of the payment by	NOVATEK Micro Corp.	electronics	having a postal add	iress of
2F, No. 13, Innovation Rd. I, H	sinchu Science F	Park, Hsin-Chu 3	100, Taiwan, R.O.	С.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar			receipt 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 impr tion and, in and to, al rany continuations, c	ovements which an I Letters Patent to b ontinuation-in-part,	e disclosed in the be obtained for said divisions, renewals,	IEE
I hereby covenant that no assignment entered into which would conflict with		r encumbrance has	been or will be made	ог ог
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will to related thereto and will promptly exercise.	ntion and said Letters estify as to the same i	Patent and legal ed n any interference,	quivalents as may be litigation proceeding	ots
representatives any and all papers, maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said invention cessary or desirable	on and said Letters to carry out the pro	Patent and said poses thereof.	of signing)
Note: An application data sheet (PT inventive entity, must accompany the	O/SB/14 or equivalent is form. Use this form	t), including naming for <u>each additional</u>	the entire inventor.	

Page 7 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

Title of Invention: Knee Voltage Detector

LEGAL NA	ME OF INVENTOR (ASSIGNOR)		
Inventor:	Che-Hao Meng	Date:	2015.5.5
	3 120/1		

Title c	of Invent	ion:
Knee	Voltage	Detector

As the below named inventor, I hereby declare that: This declaration is directed to:	
☑ The attached application, or	
☐ United States application number	filed on, or
☐ PCT international application number	filed on
The above-identified application was made or authorized t	be made by me.
I believe that I am the original inventor or an original joint is application.	nventor of a claimed invention in the
I hereby acknowledge that any willful false statement mad under18 U.S.C. 1001 by fine or imprisonment of not more	e in this declaration is punishable than five (5) years, or both.
In consideration of the payment by NOVATEK Micro-Corp.	electronics having a postal address o
2F, No. 13, Innovation Rd. I, Hsinchu Science P	ark, Hsin-Chu 300, Taiwan, R.O.C.
(referred to as "ASSIGNEE"below) to I of the sum of One acknowledged, andfor other good and valuable considera	Dollar (\$ 1.00), the receipt of which is hereby tion.
I hereby sell, assign and transfer to ASSIGNEE and the s the entire right, title and interest in and to any and all impr invention as above-identified application and, in and to, al invention by the above application or any continuations, of substitutes, or extensions thereof, and as to Letters Pater	ovements which are disclosed in the I Letters Patent to be obtained for said ontinuation-in-part, divisions, renewals,
I hereby covenant that no assignment, sale, agreement o entered into which would conflict with this assignment;	r encumbrance has been or will be made or
I further covenant that ASSIGNEE will, upon its request, and documents relating to said invention and said Letters known and accessible to I and will testify as to the same related thereto and will promptly execute and deliver to A	n any interference, litigation proceeding SSIGNEE or its legal
representatives any and all papers, instruments or affidate maintain, issue and enforce said application, said invention equivalents thereof which may be necessary or desirable IN WINTNESS WHEREOF, I have hereunto set hand an	to carry out the proposes thereof.
Note: An application data sheet (PTO/SB/14 or equivaler inventive entity, must accompany this form. Use this form	nt), including naming the entire n for <u>each additional inventor.</u>

Page 9 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Chih-Wei Chang

Date: 20(5.5.5

Signature: <u>我</u>超

Page 10 of 12

Title	of I	invent	ion:	
Knee	۷¢	oltage	Dete	ector

As the below named inventor, I here This declaration is directed to:	eby 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.	***************************************
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in	the
I hereby acknowledge that any willful false statement made in this declaration is punishable under18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
In consideration of the payment by	NOVATEK Microelectronic Corp.	s having a pos	stal address of
2F, No. 13, Innovation Rd. I, H	sinchu Science Park, 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 Dollar (\$ 1.0 d valuable consideration.	0), the receipt of whic	ch is hereby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applica invention by the above application or substitutes, or extensions thereof, an	nd to any and all improvements white tion and, in and to, all Letters Pate any continuations, continuations.	nich are disclosed in tent to be obtained for	the said
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, in maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention and said Licessary or desirable to carry out t	etters Patent and said he proposes thereof.	d (Date of signing)
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for <u>each additional inventor.</u>			

Page 11 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

Inventor: Ying-Hsiang Wang

Signature: Ying - Hsiang Wang

Date: 80/5, 05, 11

NPO#NVA-P0413-USA:0 CUST#NVT-2014-007-US

RECORDED: 05/19/2015

Page 12 of 12

F#NPO-P0002E-US1201 DSC0-104U004371

PATENT REEL: 035663 FRAME: 0783