504531822 09/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4578528

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ying-Chieh Yen	09/04/2017
Min-Hung Hu	09/04/2017
Yuan-Te Chen	09/04/2017
Cun-Kai Zhao	09/04/2017
Chien-Chuan Huang	09/04/2017

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:	15695021

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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

Correspondent Name: WINSTON HSU

Address Line 1: 5F., NO.389, FUHE RD., YONGHE DIST.,

Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NVAP0526USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	09/05/2017

Total Attachments: 10 source=2948001#page1.tif source=2948001#page2.tif source=2948001#page3.tif

PATENT 504531822 REEL: 043480 FRAME: 0770



PATENT REEL: 043480 FRAME: 0771

Title of Invention:

Temperature Sensor and Method of Detecting Temperature

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 in application.	ventor 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 the	in this declaration is punishable han five (5) years, or both.	
n consideration of the payment by NOVATEK Microel Corp.	lectronics having a pos	stal address of
2F, No. 13, Innovation Rd. I, Hsinchu Science Pa	rk, Hsin-Chu 300, Taiwan,	R.O.C.
referred to as "ASSIGNEE"below) to I of the sum of One Dacknowledged, andfor other good and valuable consideration	ollar (\$ 1.00), the receipt of whicon.	ch is hereby
hereby sell, assign and transfer to ASSIGNEE and the suche entire right, title and interest in and to any and all improvention as above-identified application and, in and to, all Lenvention by the above application or any continuations, consubstitutes, or extensions thereof, and as to Letters Patent and as to Letters.	vements which are disclosed in t Letters Patent to be obtained for ntinuation-in-part, divisions, rene	the said wals.
hereby covenant that no assignment, sale, agreement or entered into which would conflict with this assignment;	encumbrance has been or will be	e made or
further covenant that ASSIGNEE will, upon its request, be and documents relating to said invention and said Letters Parnown and accessible to I and will testify as to the same in a selated thereto and will promptly execute and deliver to ASS	atent and legal equivalents as many interference, litigation proce	nav be
epresentatives any and all papers, instruments or affidavits maintain, issue and enforce said application, said invention equivalents thereof which may be necessary or desirable to N WITNESS WHEREOF, I have hereunto set hand and sea	and said Letters Patent and said carry out the proposes thereof.	d Date of signing)
Note: An application data sheet (PTO/SB/14 or equivalent), nventive entity, must accompany this form. Use this form fo	including naming the entire	

Page 1 of 10

NPO#NVA-P0526-USA:0 CUST#NVT-2017-010-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Ying-Chieh Yen

Date:

SEP 0 4 2017

Signature:

You Chieh Ten

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F#NPO-P0002E-US1201 DSB0-106U020567

PATENT REEL: 043480 FRAME: 0773

Title of Invention:

Temperature Sensor and Method of Detecting Temperature

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ 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		
I believe that I am the original invent application.	or or an original joint inventor o	of 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 o isonment of not more than five	declaration is punishable (5) years, or both.	
In consideration of the payment by	NOVATEK Microelectron Corp.	having a postal a	iddress of
2F, No. 13, Innovation Rd. I, H	sinchu Science Park, Hsi	in-Chu 300, Taiwan, R.C	o.c.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ dollar) of valuable consideration.	1.00), the 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 applica invention by the above application or substitutes, or extensions thereof, an	nd to any and all improvements tion and, in and to, all Letters F rany continuations, continuatio	s which are disclosed in the Patent to be obtained for said n-in-part, divisions, renewals	l S
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbr n this assignment;	ance has been or will be ma	de or
I further covenant that ASSIGNEE wand documents relating to said inven known and accessible to I and will te related thereto and will promptly exec	tion and said Letters Patent an stify as to the same in any inter	id legal equivalents as may b rference, litigation proceeding	ne.
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 and said cessary or desirable to carry or	d Letters Patent and said ut the proposes thereof.	of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), includin s form. Use this form for each a	g naming the entire	

Page 3 of 10

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Min-Hung Hu

Date:

SEP 0 4 2017

Signature:

Min-Hung Mu

Page 4 of

Title of Invention:

Temperature Sensor and Method of Detecting Temperature

As the below named inventor, I hereby declare t This declaration is directed to:	hat:			
☑ The attached application, or				
☐ United States application number	filed o	on, or		
☐ PCT international application number	file	d on		
The above-identified application was made or a	uthorized to be made by me.			
I believe that I am the original inventor or an orig application.	ginal joint inventor of a claimed	d invention in the		
I hereby acknowledge that any willful false state under18 U.S.C. 1001 by fine or imprisonment of	ment made in this declaration not more than five (5) years,	is punishable or both.		
In consideration of the payment by Corp.	K Microelectronics	having a postal address of		
2F, No. 13, Innovation Rd. I, Hsinchu Sc	cience Park, Hsin-Chu 3	00, Taiwan, R.O.C.		
(referred to as "ASSIGNEE"below) to I of the sui acknowledged, andfor other good and valuable of	n of One Dollar (\$ 1.00), the reconsideration.	eceipt of which is hereby		
hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in and to any an invention as above-identified application and, in invention by the above application or any continuous thereof, and as to Lett	id all improvements which are and to, all Letters Patent to be uations, continuation-in-part, o	e disclosed in the e obtained for said divisions, renewals		
hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;				
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, instruments maintain, issue and enforce said application, said equivalents thereof which may be necessary or on the WITNESS WHEREOF, I have hereunto set here	d invention and said Letters P desirable to carry out the prop	Patent and said poses thereof.		
Note: An application data sheet (PTO/SB/14 or enventive entity, must accompany this form. Use	equivalent), including naming this form for <u>each additional i</u>	the entire		

Page 5 of 10

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Yuan-Te Chen

Date:

SEP 0 4 2017

Signature: Y

NVT00137 2017/07/25 L1:34:10

Yuan-Te Chen

NPO#NVA-P0526-USA:0

CUST#NVT-2017-010-US

Page 6 of

Title of Invention:

Temperature Sensor and Method of Detecting Temperature

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ The attached application, or	·		
☐ United States application number		filed on	, or
☐ PCT international applicatio	n number	filed on	
The above-identified application was	s 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 th	16
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	l false statement made in this de risonment of not more than five (5	claration is punishable) years, or both.	
In consideration of the payment by	NOVATEK Microelectronic Corp.	s having a post	al address of
2F, No. 13, Innovation Rd. I, H	Isinchu Science Park, Hsin	-Chu 300, Taiwan, I	R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0 and valuable consideration.	00), the receipt of which	ı is 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 improvements w ution and, in and to, all Letters Pai r any continuations, continuation-	hich are disclosed in the tent to be obtained for s in-part, divisions, renew	ne said va i s.
hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;			
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 he	olication, said invention and said lecessary or desirable to carry out	etters Patent and said the proposes thereof.	ate of signing)
Note: An application data sheet (PT0 nventive entity, must accompany thi	O/SB/14 or equivalent), including is form. Use this form for <u>each ad</u>	naming the entire ditional inventor.	

Page 7 of 10

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Cun-Kai Zhao

Date:

SEP 0 4 2017

NVT00137 2017/67/25 11:34:10

Signature: Cun-Kai Znao

Page

F#NPO-P0002E-US1201 DSB0-106U020567

NPO#NVA-P0526-USA:0 CUST#NVT-2017-010-US

> **PATENT REEL: 043480 FRAME: 0779**

Title of Invention:

Temperature Sensor and Method of Detecting Temperature

As the below named inventor, I here This declaration is directed to:	eby declare that:			
☑ The attached application, or	r			
☐ United States application no	umber	filed or	າ	, or
☐ PCT international application	n number	filed	l on	
The above-identified application was	s made or authorized to be	made by me.		
I believe that I am the original invent application.	tor or an original joint inver	itor of a claimed	invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	al false statement made in risonment of not more than	this declaration five (5) years, o	is punishable or both.	
In consideration of the payment by	NOVATEK Microelec Corp.	tronics	having a postal add	dress of
2F, No. 13, Innovation Rd. I, F	lsinchu Science Park,	Hsin-Chu 30	00, Taiwan, R.O.	C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good are	o I of the sum of One Dolland valuable consideration.	r (\$ 1.00), the re	eceipt of which is he	ereby
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 o substitutes, or extensions thereof, an	nd to any and all improven ation and, in and to, all Lett r any continuations, contin	nents which are ers Patent to be uation-in-part. d	disclosed in the obtained for said ivisions, renewals.	IE E
I hereby covenant that no assignme entered into which would conflict wit	nt, sale, agreement or enci h this assignment;	umbrance has b	een or will be made	or
I further covenant that ASSIGNEE wand documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Pate estify as to the same in any	nt and legal equi	iivalents as may be	cts
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have he	olication, said invention and ecessary or desirable to ca	d said Letters Pa rry out the propo	atent and said oses thereof.	signing)
Note: An application data sheet (PToinventive entity, must accompany thi	O/SB/14 or equivalent), inc is form. Use this form for <u>e</u>	luding naming t ach additional ir	he entire	

Page 9 of 10

NPO#NVA-P0526-USA:0 CUST#NVT-2017-010-US

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Chien-Chuan Huang

Date:

SEP 0 4 2017

Signature:

HVT00137 2017/07/25 11:34:10

Chien-Chuan Huang

NPO#NVA-P0526-USA:0 CUST#NVT-2017-010-US Page 10 of 10

F#NPO-P0002E-US1201 DSB0-106U020567

PATENT REEL: 043480 FRAME: 0781

RECORDED: 09/05/2017