505385818 03/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5432611 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yao-Tung Tsou	03/12/2019
Hao Zhen	03/10/2019
Ching-Ray Chang	03/12/2019
Sy-Yen Kuo	03/12/2019

RECEIVING PARTY DATA

Name:	Etron Technology, Inc.	
Street Address:	No. 6, Technology Road 5	
City:	Hsinchu	
State/Country:	TAIWAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16286627

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

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: ETRP0321USA

NAME OF SUBMITTER: KATE YEH

SIGNATURE: /KATE YEH/

DATE SIGNED: 03/21/2019

Total Attachments: 8

source=3417374#page1.tif

source=3417374#page2.tif

source=3417374#page3.tif

source=3417374#page4.tif

PATENT REEL: 048654 FRAME: 0761

505385818



PATENT REEL: 048654 FRAME: 0762

Title of Invention:

DATA COLLECTION AND ANALYSIS METHOD AND RELATED DEVICE THEREOF

As the below named inventor, I hereby dec This declaration is directed to:	clare that:				
☐ The attached application, or					
United States application number	16/286,627	filed on 02/27/2019	, or		
☐ PCT international application num	ber	filed on			
The above-identified application was made	or authorized to be made	by me.			
I believe that I am the original inventor or a application.	n original joint inventor of	a claimed invention in the			
I hereby acknowledge that any willful false under18 U.S.C. 1001 by fine or imprisonme	statement made in this de ent of not more than five (claration is punishable 5) years, or both.			
In consideration of the payment by Etroi	n Technology, Inc.	having a postal add	dress of		
No. 6, Technology Road 5, Hsinchu	u 30078, Taiwan, R.O.	C			
(referred to as "ASSIGNEE"below) to I of the acknowledged, and for other good and value	ne sum of One Dollar (\$ 1. able consideration.	00), the receipt of which is he	ereby		
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 entered into which would conflict with this a	e, agreement or encumbra assignment;	nce 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, instrum maintain, issue and enforce said application equivalents thereof which may be necessar IN WITNESS WHEREOF, I have hereunto	n, said invention and said rv or desirable to carry out	Letters Patent and said			
Note: An application data sheet (PTO/SB/1 inventive entity, must accompany this form.	4 or equivalent), including . Use this form for <u>each ac</u>	naming the entire Iditional inventor.			

PATENT REEL: 048654 FRAME: 0763

Docket No ETRP0321USA

Inventor: Yao-Tung Tsou

Signature: Too-Tung Tsou

Date: 20/9.3.2

Date: 20/9.3.2

Title of Invention:

DATA COLLECTION AND ANALYSIS METHOD AND RELATED DEVICE THEREOF

As the below named inventor, I hereby declaration is directed to:	are that:				
☐ The attached application, or					
☑ United States application number	16/286,627	filed on 02/27/2019	_, or		
☐ PCT international application numb	oer	filed on			
The above-identified application was made	or authorized to be ma	de by me.			
I believe that I am the original inventor or an application.	original joint inventor o	of a claimed invention in the			
I hereby acknowledge that any willful false s under18 U.S.C. 1001 by fine or imprisonment	tatement made in this on the of not more than five	declaration is punishable (5) years, or both.			
In consideration of the payment by Etron	Technology, Inc.	having a postal ad	ldress of		
No. 6, Technology Road 5, Hsinchu	30078, Taiwan, R.	O.C.			
(referred to as "ASSIGNEE"below) to I of the acknowledged, andfor other good and valua	e sum of One Dollar (\$ ble consideration.	1.00), the receipt of which is h	ereby		
I hereby sell, assign and transfer to ASSIGN the entire right, title and interest in and to an invention as above-identified application and invention by the above application or any co substitutes, or extensions thereof, and as to	y and all improvement d, in and to, all Letters l entinuations, continuation	s which are disclosed in the Patent to be obtained for said on-in-part, divisions, renewals,			
I hereby covenant that no assignment, sale, entered into which would conflict with this as		rance has been or will be mad	e 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, instrume maintain, issue and enforce said application equivalents thereof which may be necessary IN WITNESS WHEREOF, I have hereunto s	, said invention and sa , or desirable to carry o	id Letters Patent and said but the proposes thereof.			
Note: An application data sheet (PTO/SB/14	or equivalent), includi	ng naming the entire			

Page 3 of 8

inventive entity, must accompany this form. Use this form for each additional inventor.

NPO#ETR-P0321-USA:0 CUST#ET2018001US

F#NPO-P0002E-US1201 DSB0-108U006703

LEGAL NA	ME OF INVENTOR(ASSIGN	OR)		
Inventor:	Hao Zhen		Date:	2019.3.10
Cianature:		Hao	2Hen	

Page

Signature:

Title of Invention:

DATA COLLECTION AND ANALYSIS METHOD AND RELATED DEVICE THEREOF

As the below named inventor, I hereby dec This declaration is directed to:	clare that:			
☐ The attached application, or				
☑ United States application number	16/286,627	filed on	02/27/2019	_, or
☐ PCT international application num	nber	filed	on	
The above-identified application was made	e or authorized to be	made by me.		
I believe that I am the original inventor or a application.	an original joint inven	tor of a claimed i	nvention in the	
I hereby acknowledge that any willful false under18 U.S.C. 1001 by fine or imprisonm	statement made in t ent of not more than	his declaration is five (5) years, or	punishable both.	
In consideration of the payment by Etro	n Technology, In	c. t	naving a postal ad	ldress of
No. 6, Technology Road 5, Hsinch	u 30078, Taiwan,	R.O.C.		
(referred to as "ASSIGNEE"below) to I of the acknowledged, and for other good and value		r (\$ 1.00), the re	ceipt of which is h	ereby
I hereby sell, assign and transfer to ASSIG the entire right, title and interest in and to a invention as above-identified application as invention by the above application or any of substitutes, or extensions thereof, and as t	any and all improvem nd, in and to, all Lette continuations, continu	nents which are deers Patent to be duation-in-part, div	lisclosed in the obtained for said visions, renewals.	
I hereby covenant that no assignment, sale entered into which would conflict with this a	e, agreement or encu assignment;	umbrance has be	en or will be mad	e 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, instrummaintain, issue and enforce said application equivalents thereof which may be necessary IN WITNESS WHEREOF, I have hereunto	on, said invention and ary or desirable to car	said Letters Parrry out the propor	tent and said ses thereof.	
Note: An application data sheet (PTO/SB/1 inventive entity, must accompany this form	14 or equivalent), inc . Use this form for <u>ea</u>	luding naming th ach additional inv	e entire ventor.	

Page 5 of 8

Docket No ETRP0321USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Ching-Ray Chang

Date:

Mar. 12, 2019

Signature:

Title of Invention:

DATA COLLECTION AND ANALYSIS METHOD AND RELATED DEVICE THEREOF

As the below named inventor, I hereby This declaration is directed to:	declare that:				
☐ The attached application, or					
United States application num	ber <u>16/286,6</u>	27 filed on	02/27/2019 , or		
☐ PCT international application r	number	filed	on		
The above-identified application was n	nade or authorize	d to be made by me.			
I believe that I am the original inventor application.	or an original joi	nt inventor of a claimed i	nvention in the		
I hereby acknowledge that any willful founder18 U.S.C. 1001 by fine or impriso	alse statement m onment of not mo	ade in this declaration is re than five (5) years, or	punishable both.		
In consideration of the payment by	tron Technolo	o gy, Inc. h	aving a postal address of		
No. 6, Technology Road 5, Hsin	nchu 30078, Ta	aiwan, R.O.C.			
(referred to as "ASSIGNEE"below) to I acknowledged, andfor other good and	of the sum of On valuable conside	e Dollar (\$ 1.00), the rec ration.	eipt of which is hereby		
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, 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. IN WITNESS WHEREOF, I have hereunto set hand and seal this on the date(s) indicated.					
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.					

Page 7 of 8

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Sy-Yen Kuo

Date:

Mar. 12, 2019

Signature:

Page 8 of 8

F#NPO-P0002E-US1201 DSB0-108U006703

NPO#ETR-P0321-USA:0 CUST#ET2018001US

RECORDED: 03/21/2019

PATENT REEL: 048654 FRAME: 0770