503858372 06/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3905021

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tsung-Fa Wang	01/06/2016
Yen-Min Chang	01/06/2016
Feng-Cheng Yang	01/06/2016
Shih-Wei Kuo	01/06/2016

RECEIVING PARTY DATA

Name:	PixArt Imaging Inc.
Street Address:	5F, No. 5, Innovation Road I, Science-Based Industrial Park
City:	Hsin-Chu City
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15175053

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: P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	PIIP0350USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	06/07/2016

Total Attachments: 8

source=2578090#page1.tif

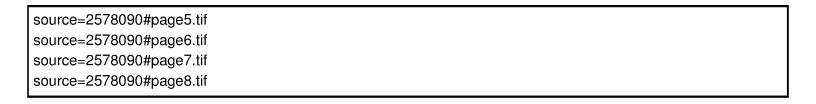
source=2578090#page2.tif

source=2578090#page3.tif

source=2578090#page4.tif

PATENT 503858372

REEL: 038823 FRAME: 0348



PATENT REEL: 038823 FRAME: 0349

Title of Invention:

KEYSWITCH AND KEYBOARD WITH DISTANCE DETECTING FUNCTION

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 m	nade by me.	
I believe that I am the original inventor or an original joint invento application.	or of a claimed invention in	the
I hereby acknowledge that any willful false statement made in thi under18 U.S.C. 1001 by fine or imprisonment of not more than fi	is declaration is punishabl ve (5) years, or both.	e
In consideration of the payment by PixArt Imaging Inc.	having a po	stal address of
5F, No. 5, Innovation Road I, Science-Based Industri R.O.C.	al Park, Hsin-Chu Cit	y 300, Taiwan,
(referred to as "ASSIGNEE"below) to I of the sum of One Dollar (acknowledged, andfor other good and valuable consideration.	(\$ 1.00), the receipt of whi	ich is hereby
I hereby sell, assign and transfer to ASSIGNEE and the succession the entire right, title and interest in and to any and all improvement invention as above-identified application and, in and to, all Letters invention by the above application or any continuations, continuations substitutes, or extensions thereof, and as to Letters Patent any respectively.	nts which are disclosed in s Patent to be obtained fo tion-in-part, divisions, ren	the r said ewals.
I hereby covenant that no assignment, sale, agreement or encumentered into which would conflict with this assignment;	nbrance has been or will b	e made or
I further covenant that ASSIGNEE will, upon its request, be provi- and documents relating to said invention and said Letters Patent known and accessible to I and will testify as to the same in any in related thereto and will promptly execute and deliver to ASSIGNE	and legal equivalents as interference. Iitigation proc	may be
representatives any and all papers, instruments or affidavits requing maintain, issue and enforce said application, said invention and sequivalents thereof which may be necessary or desirable to carry IN WINTNESS WHEREOF, I have hereunto set hand and seal the	said Letters Patent and sa out the proposes thereof	id : (Date of signing)
Note: An application data sheet (PTO/SB/14 or equivalent), including inventive entity, must accompany this form. Use this form for <u>eac</u>	ding naming the entire h additional inventor.	

Page 1 of 8

Docket No PIIP0350USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Tsung-Fa Wang

Date:

JAN 0 6 2016

Signature:

Page 2 of 8

Title of Invention: KEYSWITCH AND KEYBOARD WITH DISTANCE DETECTING FUNCTION

As the below named inventor, I hereby declare that: This declaration is directed to:		
☑ The attached application, or		
☐ United States application number	filed on , o	r
☐ PCT international application number	filed on	
The above-identified application was made or authorized to b	pe made by me.	
I believe that I am the original inventor or an original joint inve application.	entor of a claimed invention in the	
I hereby acknowledge that any willful false statement made in under18 U.S.C. 1001 by fine or imprisonment of not more tha	n this declaration is punishable an five (5) years, or both.	
In consideration of the payment by PixArt Imaging Inc.	having a postal addres	s of
5F, No. 5, Innovation Road I, Science-Based Indu R.O.C.	strial Park, Hsin-Chu City 300, Ta	iwan,
(referred to as "ASSIGNEE"below) to I of the sum of One Dol acknowledged, andfor other good and valuable consideration	llar (\$ 1.00), the receipt of which is hereb i.	у
hereby sell, assign and transfer to ASSIGNEE and the succ the entire right, title and interest in and to any and all improve invention as above-identified application and, in and to, all Le invention by the above application or any continuations, conti substitutes, or extensions thereof, and as to Letters Patent ar	ements which are disclosed in the etters Patent to be obtained for said inuation-in-part, divisions, renewals	
hereby covenant that no assignment, sale, agreement or en entered into which would conflict with this assignment;	cumbrance has been or will be made or	
further covenant that ASSIGNEE will, upon its request, be pand documents relating to said invention and said Letters Pat known and accessible to I and will testify as to the same in an elated thereto and will promptly execute and deliver to ASSI	tent and legal equivalents as may be	
representatives any and all papers, instruments or affidavits r maintain, issue and enforce said application, said invention al equivalents thereof which may be necessary or desirable to o N WINTNESS WHEREOF, I have hereunto set hand and sea	nd said Letters Patent and said	gning)
Note: An application data sheet (PTO/SB/14 or equivalent), in inventive entity, must accompany this form. Use this form for	ncluding naming the entire each additional inventor.	

Page 3 of

F#NPO-P0002E-US1201

NPO#PII-P0350-USA:0

PATENT REEL: 038823 FRAME: 0352 LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Yen-Min Chang

JAN 0 6 2016

Signature:

Page

NPO#PII-P0350-USA:0

Title of Invention:

KEYSWITCH AND KEYBOARD WITH DISTANCE DETECTING FUNCTION

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 a application.	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) years, or both.	
In consideration of the payment by PixArt Imaging Inc.	having a postal addı	ess of
5F, No. 5, Innovation Road I, Science-Based Industrial P R.O.C.	ark, Hsin-Chu City 300,	Taiwan,
(referred to as "ASSIGNEE"below) to I of the sum of One Dollar (\$ 1.0 acknowledged, andfor other good and valuable consideration.	0), 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 w invention 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	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals.	ΞE
I hereby covenant that no assignment, sale, agreement or encumbrar entered into which would conflict with this assignment;	ce has been or will be made o	or
I further covenant that ASSIGNEE will, upon its request, be provided pand 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 rence, litigation proceeding	s
representatives any and all papers, instruments or affidavits required to maintain, issue and enforce said application, said invention and said Lequivalents thereof which may be necessary or desirable to carry out IN WINTNESS WHEREOF, I have hereunto set hand and seal this	etters 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 <u>each add</u>	naming the entire litional inventor.	

Page 5 of 8

Docket No PIIP0350USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Feng-Cheng Yang

Date:

JAN 0 6 2016

Signature:

Feng-chang Yeng

Title of Invention:

KEYSWITCH AND KEYBOARD WITH DISTANCE DETECTING FUNCTION

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	filed on	
The above-identified application was	made or authorized to be m	ade by me.	
I believe that I am the original invent application.	or or an original joint invento	r of a claimed invention in	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	l false statement made in this isonment of not more than fiv	s declaration is punishable ve (5) years, or both.	3
In consideration of the payment by	PixArt Imaging Inc.	having a pos	stal address of
5F, No. 5, Innovation Road I, S R.O.C.	Science-Based Industri	al Park, Hsin-Chu City	/ 300, Taiwan,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (d valuable consideration.	\$ 1.00), 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, ar	nd to any and all improvemer tion and, in and to, all Letters any continuations, continual	nts which are disclosed in t s Patent to be obtained for tion-in-part, divisions, rene	the said wals,
l hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encum n this assignment;	brance has been or will be	e made or
I further covenant that ASSIGNEE wand documents relating to said inventhen to I and will te related thereto and will promptly exercises.	tion and said Letters Patent stify as to the same in any in	and legal equivalents as n terference, litigation proce	nay be
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 s cessary or desirable to carry	aid Letters Patent and said out the proposes thereof.	d (Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), includes form. Use this form for each	ding naming the entire hadditional inventor.	

Page 7 of 8

NPO#PII-P0350-USA:0 CUST#PIX-US-1177

F#NPO-P0002E-US1201 DSB0-104U038507

Docket No PIIP0350USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Shih-Wei Kuo

Date: JAN 0 6 2016

signature: Shih Wei Kw

Page 8 of 8

NPO#PII-P0350-USA:0 CUST#PIX-US-1177

RECORDED: 06/07/2016

F#NPO-P0002E-US1201 DSB0-104U038507

REEL: 038823 FRAME: 0357