PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chia-Jui Liang	06/27/2013
Po-Chao Tsao	06/27/2013
Jun-Jie Wang	06/27/2013
Chih-Sen Huang	06/27/2013

RECEIVING PARTY DATA

Name:	UNITED MICROELECTRONICS CORP.
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park
City:	Hsin-Chu City
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13934236

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JANINE CHANG
Signature:	/JANINE CHANG/
Date:	07/03/2013

502407296 REEL: 030732 FRAME: 0195

13934236

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Total Attachments: 8	
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PATENT REEL: 030732 FRAME: 0196

Title of Invention: FIN-SHAPED STRUCTURE FORMING PROCESS

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	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 ir	n the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this de isonment of not more than five (5	claration is punishabl 5) years, or both	le
In consideration of the payment by	UNITED MICROELECTRO	NICS having a po	ostal address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hs	in-Chu City 300,	Taiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		00), the receipt of wh	ich 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 wation and, in and to, all Letters Par any continuations, continuations	which are disclosed ir itent to be obtained fo -in-part, divisions, ren	n the or said newals,
I hereby covenant that no assignment entered into which would conflict with		nce has been or will b	oe made or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will to related thereto and will promptly exe	ntion and said Letters Patent and estify as to the same in any interf	legal equivalents as erence, litigation proc	may be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said invention and said ecessary or desirable to carry out	Letters Patent and sa	
Note: An application data sheet (PTG inventive entity, must accompany this			

Page 1 of 8

NPO#NAU-P1662-USA:0 CUST#UMCD-2012-0505

LEGAL NAME OF INVENTOR(ASSIGNOR)

JUN 27 2013

Inventor:

Chia-Jui Liang

Date:

JUN 2 7 2013

Signature:

Chra - Jui Crang

Page 2 of 8

Title of Invention: FIN-SHAPED STRUCTURE FORMING PROCESS

As the below named inventor, I herel This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application number		_filed c	filed on , o	
☐ 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 inventor application.	or or an original joint inventor of	a claime	d invention in the	
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impri				
	UNITED MICROELECTRO CORP.	NICS	having a postal add	ress of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hs	in-Chu	City 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. d valuable consideration.	00), the	receipt of which is he	reby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified application or substitutes, or extensions thereof, an	nd to any and all improvements wation and, in and to, all Letters Pa any continuations, continuation	which are atent to b -in-part, o	e disclosed in the e obtained for said divisions, renewals,	EE
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbra n this assignment;	nce has	been or will be made	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 Patent and stify as to the same in any interf	l legal eq erence, l	uivalents as may be itigation proceeding	ts
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 cessary or desirable to carry out	Letters F t the prop	Patent and said poses thereof.	of signing)
Note: An application data sheet (PTC inventive entity, must accompany this				

Page 3 of 8

NPO#NAU-P1662-USA:0 CUST#UMCD-2012-0505

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Po-Chao Tsao	Date:	JUN 2 7 2013		
Signature:	Po-Chao, Year			-	

Page 4 of 8

Title of Invention:		
FIN-SHAPED STRUCT	URE FORM	NG PROCESS

As the below named inventor, I here This declaration is directed to:	eby declare that:			
☑ The attached application, or	ſ			
☐ United States application nu	ımber	filed c	on	, or
☐ PCT international applicatio	n number	file	d on	
The above-identified application was	s made or authorized to be mad	le by me.		
I believe that I am the original invent application.	tor or an original joint inventor o	f a claime	d invention i	n the
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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ ´ nd valuable consideration.	1.00), the	receipt of wh	ich 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 ation and, in and to, all Letters P r any continuations, continuation	which are atent to b n-in-part, o	e disclosed in e obtained fo divisions, rer	n the or said newals,
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbr h this assignment;	ance has	been or will I	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 Patent an estify as to the same in any inter	d legal eq ference, li	uivalents as itigation prod	mav be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have h	olication, said invention and said ecessary or desirable to carry or	d Letters F ut the prop	Patent and sa	aid f. _(Date of signing)
Note: An application data sheet (PTC				

Page 5 of 8

NPO#NAU-P1662-USA:0 CUST#UMCD-2012-0505

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Jun-Jie Wang	Date:	JUN 2 7 2013		
Signature:	Jun-Jie Wang				
	\mathbf{V}				

Page 6 of 8

Title of Invention: FIN-SHAPED STRUCTURE FORMING PROCESS

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			led on	
The above-identified application was	s made or authorized	to be made by me	l.	
I believe that I am the original invent application.	or or an original joint	inventor of a claim	ned 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 declaration than five (5) years	on is punishables, or both.	e
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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One nd valuable considera	Dollar (\$ 1.00), the tion.	e receipt of whi	ch 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, an	nd to any and all impr ition and, in and to, al r any continuations, c	ovements which a Letters Patent to ontinuation-in-part	are disclosed in be obtained fo divisions, rene	the r said ewals,
I hereby covenant that no assignment entered into which would conflict with		encumbrance ha	s been or will b	e made or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will terelated thereto and will promptly exe	ntion and said Letters estify as to the same in	Patent and legal en any interference	equivalents as i , litigation proce	may be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said inventio ecessary or desirable	n and said Letters to carry out the pr	Patent and sa	
Note: An application data sheet (PT0 inventive entity, must accompany thi				

Page 7 of 8

NPO#NAU-P1662-USA:0 CUST#UMCD-2012-0505

LEGAL IVA	WE OF INVENTOR(ASS	SIGNOR)			
Inventor:	Chih-Sen Huang		Date:	JUN 2 7 2013	
Signature:	Chih-Sen	Huang			
		()			

NPO#NAU-P1662-USA:0 CUST#UMCD-2012-0505 Page 8 of 8

F#NPO-P0002E-U\$1201 DSC0-102U003832

PATENT REEL: 030732 FRAME: 0204