503701813 02/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3748453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chueh-Yang Liu	02/18/2016
Chun-Wei Yu	02/18/2016
Yu-Ying Lin	02/18/2016
Yu-Ren Wang	02/02/2016

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:	15049152

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.

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

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	NAUP2680USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	02/22/2016

Total Attachments: 8

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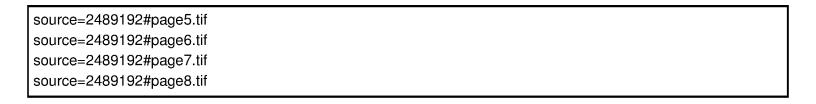
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PATENT REEL: 037782 FRAME: 0325

503701813



Title of Invention: METHOD OF FORMING OXIDE LAYER

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 made b	by me.	
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in the	Э
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this dec isonment of not more than five (5)	laration is punishable years, or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	IICS having a posta	l address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	n-Chu City 300, Tai	wan, R.O.C.
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0 d valuable consideration.	0), the receipt of which	is hereby
I hereby sell, assign and transfer to a the entire right, title and interest in an invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improvements wi tion and, in and to, all Letters Pate any continuations, continuation-in	hich are disclosed in the ent to be obtained for sa n-part, divisions, renewa	e aid als
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbran n this assignment;	ce has been or will be n	nade or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will terelated thereto and will promptly exe	ition and said Letters Patent and I stify as to the same in any interfer	egal equivalents as may	v he
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have h	lication, said invention and said L cessary or desirable to carry out t	etters Patent and said he proposes thereof.	ate of signing)
Note: An application data sheet (PTC inventive entity, must accompany thi	D/SB/14 or equivalent), including r s form. Use this form for <u>each ado</u>	naming the entire	

Page 1 of 8

NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Chueh-Yang Liu	Date: FE	B 1 8 2016	
Signature:	Chueh-Yang Li	1		

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NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784 F#NPO-P0002E-US1201 DSB0-104U039797

Title of Invention: METHOD OF FORMING OXIDE LAYER

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	n number	filed on	
The above-identified application was	made or authorized to be made	de by me.	
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 of isonment of not more than five	declaration is punishable (5) years, or both.	
In consideration of the payment by	UNITED MICROELECTR CORP.	ONICS having a postal addr	ess of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, F	lsin-Chu City 300, Taiwan,	R.O.C.
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good are	o I of the sum of One Dollar (\$ and valuable consideration.	1.00), the receipt of which is her	eby
I hereby sell, assign and transfer to a the entire right, title and interest in an invention as above-identified applica- invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improvements tion and, in and to, all Letters F r any continuations, continuatio	s which are disclosed in the Patent to be obtained for said	ĒΕ
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumb n this assignment;	ance has been or will be made o	or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Patent are estify as to the same in any inte	nd legal equivalents as may be	S
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have h	lication, said invention and sai	d Letters Datant and said	f signing)
Note: An application data sheet (PTC inventive entity, must accompany thi	D/SB/14 or equivalent), includir s form. Use this form for <u>each</u> :	ng naming the entire	

Page 3 of 8

NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Chun-Wei Yu		Date:	FEB 1 8 2016	
Signature:	Chun - Wet	Yu .			

Page 4 of 8

NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784 F#NPO-P0002E-US1201 DSB0-104U039797

Title of In	vention:			
METHOD	OF FOR	MING O	XIDE I	AYER

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	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	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 de isonment of not more than five (5	claration is punishabl i) years, or both.	е
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No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hs	in-Chu City 300, 7	Гаiwan, R.O.C.
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ 1)		
I hereby sell, assign and transfer to a the entire right, title and interest in an invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar	nd to any and all improvements w tion and, in and to, all Letters Pat any continuations, continuations	hich are disclosed in tent to be obtained fo in-part, divisions, ren	the r said
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbrar n this assignment;	nce has been or will b	e made or
I further covenant that ASSIGNEE w and documents relating to said inven known and accessible to I and will te related thereto and will promptly exe	ition and said Letters Patent and stify as to the same in any interfe	legal equivalents as rerected as receptions are receptions.	may bo
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 L cessary or desirable to carry out	etters Patent and co	id (Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including	naming the entire	_

Page 5 of 8

NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784

LEGAL NAI	ME OF INVENTOR (ASSIGNOR)			
Inventor:	Yu-Ying Lin	Date:	FEB 1 8 2016	
Signature:	Yu-Ying Lin			

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NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784 F#NPO-P0002E-US1201 DSB0-104U039797

Title of In	ventic	n:		
METHOD	OF F	ORMING	OXIDE	LAYER

As the below named inventor, I here This declaration is directed to:	eby declare that:		
☑ The attached application, or			
☐ United States application nu	_filed on, or		
☐ PCT international application	filed on	_	
The above-identified application was	made or authorized to be made l	by me.	
I believe that I am the original invent application.	or or an original joint inventor of a	ı 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 decisionment of not more than five (5)	laration is punishable) years, or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	NICS having a postal ad	dress of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hsi	n-Chu City 300, Taiwar	n, R.O.C.
(referred to as "ASSIGNEE" below) to acknowledged, and for other good and	o Lof the sum of One Dollar (\$ 1.0		
I hereby sell, assign and transfer to a the entire right, title and interest in an invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar	nd to any and all improvements wi tion and, in and to, all Letters Pate cany continuations, continuations	hich are disclosed in the ent to be obtained for said	
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbrand n this assignment;	ce has been or will be made	e or
I further covenant that ASSIGNEE w and documents relating to said inven known and accessible to I and will te related thereto and will promptly exe	ition and said Letters Patent and lessify as to the same in any interfer	egal equivalents as may be rence, litigation proceeding.	cts
representatives any and all papers, is maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have he	lication, said invention and said L cessary or desirable to carry out t	etters Patent and said the proposes thereof.	of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including r s form. Use this form for <u>each add</u>	naming the entire litional inventor.	

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NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784

LEGAL NA					
Inventor:	Yu-Ren Wang		Date:	2016/2/2	
Signature:	Tu-Ren 1	Nanf			

NPO#NAU-P2680-USA:0 CUST#UMCD-2015-0784 Page 8 of 8

F#NPO-P0002E-US1201 DSB0-104U039797

PATENT REEL: 037782 FRAME: 0334

RECORDED: 02/22/2016