### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4783077

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tsung-Chieh Yang	01/12/2018
Hong-Jung Hsu	01/12/2018
Jian-Dong Du	01/12/2018

### **RECEIVING PARTY DATA**

Name:	Silicon Motion Inc.	
Street Address:	8F-1, No.36, Taiyuan St., Jhubei City	
City:	Hsinchu County	
State/Country:	TAIWAN	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15874895

#### **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:	SILP0234USA4
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	01/19/2018

### **Total Attachments: 6**

source=3060628#page1.tif

source=3060628#page2.tif

source=3060628#page3.tif

source=3060628#page4.tif

source=3060628#page5.tif

PATENT REEL: 044661 FRAME: 0314

504736351

source=3060628#page6.tif

PATENT REEL: 044661 FRAME: 0315

### COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

### Title of Invention:

# FLASH MEMORY APPARATUS AND STORAGE MANAGEMENT METHOD FOR FLASH MEMORY

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	d to be made by me.	
I believe that I am the original inventor or an original joint application.	t inventor of a claimed invention in the	
I hereby acknowledge that any willful false statement ma under18 U.S.C. 1001 by fine or imprisonment of not more		
In consideration of the payment by Silicon Motion I	Inc. having a postal add	ress of
8F-1, No.36, Talyuan St., Jhubel City, Hsinchu	County 30265, Taiwan, R.O.C.	
(referred to as "ASSIGNEE"below) to I of the sum of One acknowledged, andfor other good and valuable consider		reby
I hereby sell, assign and transfer to ASSIGNEE and the state entire right, title and interest in and to any and all impinvention as above-identified application and, in and to, a invention by the above application or any continuations, substitutes, or extensions thereof, and as to Letters Pate	provements which are disclosed in the all Letters Patent to be obtained for said continuation-in-part, divisions, renewals,	EE
I hereby covenant that no assignment, sale, agreement centered into which would conflict with this assignment;	or encumbrance has been or will be made	or
I further covenant that ASSIGNEE will, upon its request, and documents relating to said invention and said Letters known and accessible to I and will testify as to the same related thereto and will promptly execute and deliver to A	s Patent and legal equivalents as may be in any interference, litigation proceeding	ts
representatives any and all papers, instruments or affida maintain, issue and enforce said application, said inventi equivalents thereof which may be necessary or desirable IN WITNESS WHEREOF, I have hereunto set hand and	ion and said Letters Patent and said e to carry out the proposes thereof.	signing
Note: An application data sheet (PTO/SB/14 or equivaler inventive entity, must accompany this form. Use this form	nt), including naming the entire n for each additional inventor.	

Page 1 of 6

NPO#SIL-P0234-USA:4 CUST#SMI-16-004-USCIP2 F#NPO-P0002E-US1201 DSB0-107U000598

Docket No SILP0234USA4

Inventor: Tsung-Chieh Yang Date: JAN 1 2 2018

Signature: Jong-Chied Ymg

Page 2 of 6

F#NPO-P0002E-US1201 DSB0-107U000598

NPO#SIL-P0234-USA:4 CUST#SMI-16-004-USCIP2

## COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

### Title of Invention:

CUST#SMI-16-004-USCIP2

# FLASH MEMORY APPARATUS AND STORAGE MANAGEMENT METHOD FOR FLASH MEMORY

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			ed on	
The above-identified application was	made or authori	ized to be	made by me.	-	
I believe that I am the original invent application.	or or an original j	joint inven	or of a claime	d invention in	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement isonment of not r	made in ti more than	nis declaratior five (5) years,	n is punishable or both.	•
In consideration of the payment by	Silicon Motio	n inc.		_having a po	stal address of
8F-1, No.36, Taiyuan St., Jhul	oei City, Hsind	hu Cour	nty 30265, T	aiwan, R.O	.c.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good are	o I of the sum of one indivaluable consi	One Dollai deration.	(\$ 1.00), the	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 ition and, in and t r any continuation	improvem to, all Lette ns, continu	ents which are ers Patent to b ation-in-part,	e disclosed in e obtained for divisions, rene	the r said ewals,
I hereby covenant that no assignment entered into which would conflict with			mbrance has	been or will b	e made 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 Le	tters Pater me in any	nt and legal ed interference, l	uivalents as r litigation proce	nay be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have her	olication, said inve acessary or desira	ention and able to car	said Letters I ry out the pro	Patent and sal	
Note: An application data sheet (PTC inventive entity, must accompany this					
NOTE TOTAL TICA.	Page	3 of	6	TC#N11	DO DOOOD TEELOOL

PATENT REEL: 044661 FRAME: 0318

DSB0-107U000598

### Docket No SILP0234USA4

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Hong-Jung Hsu

Date:

JAN 1 2 2018

Signature:

Hong-Jung 1+54

Page 4 of 6

F#NPO-P0002E-US1201 DSB0-107U000598

NPO#SIL-P0234-USA:4 CUST#SMI-16-004-USCIP2

## COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

### Title of Invention:

### FLASH MEMORY APPARATUS AND STORAGE MANAGEMENT **METHOD FOR FLASH MEMORY**

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	by me.		
I believe that I am the original inventapplication.	or or an original joint inventor of	a claimed invention in the		
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impri				
In consideration of the payment by	Silicon Motion Inc.	having a postal	address of	
8F-1, No.36, Taiyuan St., Jhub	ei City, Hsinchu County 3	0265, Taiwan, R.O.C.		
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an		00), the receipt 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				
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for <u>each additional inventor.</u>				

Page 5 of 6

F#NPO-P0002E-US1201

### Docket No SILP0234USA4

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:	Jian-Dong Du	Date:	JAN 12 2018

Signature: Jian-Dong Du

Page

F#NPO-P0002E-US1201 DSB0-107U000598

PATENT REEL: 044661 FRAME: 0321

NPO#SIL-P0234-USA:4 CUST#SMI-16-004-USCIP2

RECORDED: 01/19/2018