504280765 03/21/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4327446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PENGFEI GUO	02/17/2017
SHYUE SENG TAN	02/14/2017

## **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES SINGAPORE PTE. LTD.
Street Address:	60 WOODLANDS INDUSTRIAL PARK D STREET 2
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	738406

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15464368

#### CORRESPONDENCE DATA

Fax Number: (656)846-2005

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: 6568549880

Email: oa.notification@horizonip.com.sg

Correspondent Name: HORIZON IP PTE. LTD.

Address Line 1: 7500A BEACH ROAD, #04-306/308

Address Line 2: THE PLAZA

Address Line 4: SINGAPORE, SINGAPORE 199591

ATTORNEY DOCKET NUMBER:	GFSP2016NAT21US0
NAME OF SUBMITTER:	CARMEN S. NG
SIGNATURE:	/Carmen S. Ng/
DATE SIGNED:	03/21/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 2**

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> **PATENT REEL: 041649 FRAME: 0682**

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Attorney's Docket No.: GFSP2016NAT21US0 GF Ref. No.: HSG103

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	COST-FRI	EE MTP MEMORY STRUC	FURE WITH REDUCED TERMINA	L VOLTAGES
		DECI	ARATION	
As the below	named inven	ntor, I hereby declare that:		
This declaration is directed to:		The attached application, or		
		United States application or F	PCT international application number	filed on
The above-ide	entified appli	ication was made or authorized	to be made by me.	
I believe that	I am the orig	inal inventor or an original join	t inventor of a claimed invention in the a	pplication.
		t any willful false statement mad of more than five (5) years, or b	de in this declaration is punishable under oth.	18 U.S.C. 1001 by
			ation and am aware of the duty to disclost crial to patentability as defined in 37 CFI	
			GNMENT	
hereby sell, as Industrial Par interest in and United States parts, division contained in s privileges rela recover and ta	ssign, transfe k D Street 2, I to the inven and/or any fo als or extens aid Patents a atting thereto ike all such p	er, to GLOBALFOUNDRIES Si Singapore 738406 its successoration listed above, together with foreign countries, and any reissure sions thereof that may be issued and Applications, for the United including but not limited to the proceedings as may be necessary	iciency and adequacy of which are herel ngapore Pte. Ltd. having a business addits and assigns, absolutely and forever, methe Application, any and all Patents that es, re-examinations, renewals, continuat or granted, and all right, title and interestates and all foreign countries, and all priority rights arising from said Application for the recovery of damages or otherwis, take and maintain patents on said inver-	ress of 60 Woodlands y entire right, title and may issue in the ions, continuation-in- it to the inventions the rights and tions, the right to se in respect of past,
		mbined Declaration or Assign n in full force and effect.	ment is held unenforceable, then rema	ining portions hercol
LEGAL NAN	IE OF INVE	NTOR		2
Inventor:	Pengfei GU	<u>IO</u>	Date: 17/02/	2017
Signature:		•		

nameran k

PATENT **REEL: 041649 FRAME: 0683**  Attorney's Docket No.: GFSP2016NAT21US0 GF Ref. No.: HSG103

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	COST-FREE MTP MEMORY STRUCTURE WITH REDUCED TERMINAL VOLTAGES
	DECLARATION
As the below i	named inventor, I hereby declare that:
This declaration is directed to:	The attached application, or  United States application or PCT international application number filed on
	ntified application was made or authorized to be made by me.  am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby ackno	whiledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by imment of not more than five (5) years, or both.
	d and understand the contents of the application and am aware of the duty to disclose to the US Patent and fice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
ASSIGNMENT  For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Singapore Pte. Ltd. having a business address of 60 Woodlands Industrial Park D Street 2, Singapore 738406 its successors and assigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-inparts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States and all foreign countries, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.  If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof shall nevertheless remain in full force and effect.	
Inventor: Signature: Note: An appli	E OF INVENTOR  Shyue Seng TAN  Date: 14-Feb-2014  Cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  all form for each additional inventor.

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RECORDED: 03/21/2017