503314183 05/20/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3360801

E OF CONVEYANCE:			
	ASSIGNMENT		
	Name	Execution Date	
NG FU		05/14/2015	
IVING PARTY DATA			
	SEMICONDUCTOR MANUFACTURING INTERNATIONAL (SHANGHAI) CORPORATION		
Address: 18 ZHANG	18 ZHANGJIANG ROAD, PUDONG NEW AREA		
SHANGH/	SHANGHAI		
Country: CHINA	CHINA		
l Code: 201203	201203		
cation Number: 14			
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NEY DOCKET NUMBER:	00158.0227.00US		
	MENG LIU		
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OF SUBMITTER: TURE:			
ST Line 4: ST	00158.0227.00US MENG LIU		

ASSIGNMENT AND DECLARATION

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

OSCILLATOR CIRCUIT AND CONFIGURATION METHOD THEREOF

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on ______ (Application No. ______); and

WHEREAS. <u>Semiconductor Manufacturing International (Shanghai) Corporation</u>, a corporation of <u>P. R. China</u> whose post office address is <u>18 Zhangiiang Road</u>, <u>Pudong New Area</u>, <u>Shanghai</u>, <u>China</u> <u>201203</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No.______, filed ______) the filing date and application number of said application when known.

US Rights Page 2

Further, as a below named inventor, I hereby declare that:

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 claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37,Code of Federal Regulations § 1.56, including for continuation-in-part applications, material information which became available between the filing data of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Inventor Legal Name:	ZHIGANG FU		
Signature:	将志岗	Date:	2018.05.14

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the ____ supplemental sheet(s) attached hereto.

PATENT REEL: 035675 FRAME: 0268

RECORDED: 05/20/2015