

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5373166

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIN E LIANG	07/18/2018
LE LV	07/18/2018
RECEIVING PARTY DATA	
Name:	SEMICONDUCTOR MANUFACTURING INTERNATIONAL (SHANGHAI) CORPORATION
Street Address:	18 ZHANG JIANG ROAD, PUDONG NEW AREA
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201203
Name:	SEMICONDUCTOR MANUFACTURING INTERNATIONAL (BEIJING) CORPORATION
Street Address:	18 WEN CHANG ROAD, DAXING DISTRICT, ECONOMIC-TECHNOLOGICAL DEVELOPMENT AREA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16044795
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	usassignments@brinksgilson.com, amckay@brinksgilson.com
Correspondent Name:	BRINKS GILSON & LIONE
Address Line 1:	455 N. CITYFRONT PLAZA DRIVE
Address Line 2:	SUITE 3600
Address Line 4:	CHICAGO, ILLINOIS 60611
ATTORNEY DOCKET NUMBER:	15741-40
NAME OF SUBMITTER:	SCOTT W BRIM

SIGNATURE:	/Scott W. Brim/
DATE SIGNED:	02/13/2019
Total Attachments: 2 source=15741-40 Assignment#page1.tif source=15741-40 Assignment#page2.tif	

Case No. 15741-40 (2016-02406-SH-US)

ASSIGNMENT

WHEREAS, Jin E Liang and Le Lv, the "Assignors", have made the invention described in the United States patent application entitled **Manufacturing Method for Semiconductor Apparatus**, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, **Semiconductor Manufacturing International (Shanghai) Corporation**, a corporation organized and existing under the laws of the Country of China, having a place of business at **18 Zhang Jiang Road, Pudong New Area, Shanghai 201203, P.R. China**, and **Semiconductor Manufacturing International (Beijing) Corporation**, a corporation organized and existing under the laws of the Country of China, having a place of business at **18 Wen Chang Rd., Economic-Technological Development Area, Daxing District, Beijing 100176, P.R. China**, the "Assignees", desires to acquire the entire right, title and interest in the invention and the patent application identified above, and all patents which may be obtained for the invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is acknowledged, the Assignors have sold, assigned and transferred, and by these presents sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in the invention and the patent application identified above, and any patents that may issue for the invention in the United States; with the entire right, title and interest in the invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use

and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees exclusive title in all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is authorized and requested to issue patents to the Assignee under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: 2018-7-18

梁金娥
Jin E Liang

DATE: 2018-7-18

吕乐
Le Lv