503630749 12/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3677379

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENGRONG ZHONG	12/22/2015
DONGFEI ZHOU	12/22/2015
XIAOSHE DENG	12/22/2015
GENYI WANG	12/22/2015

RECEIVING PARTY DATA

Name:	CSMC TECHNOLOGIES FAB1 CO., LTD.
Street Address:	NO. 8 XINZHOU ROAD
City:	WUXI NEW DISTRICT, JIANGSU
State/Country:	CHINA
Postal Code:	214028

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14902284

CORRESPONDENCE DATA

Fax Number: (612)455-3801

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: 612-455-3800 Email: adoyle@hsml.com

HAMRE, SCHUMANN, MUELLER & LARSON, P.C. **Correspondent Name:**

Address Line 1: P.O. BOX 2902

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0902

ATTORNEY DOCKET NUMBER:	20671.0006USWO	
NAME OF SUBMITTER:	RONG YANG	
SIGNATURE:	/Rong Yang/	
DATE SIGNED:	12/30/2015	

Total Attachments: 2

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> **PATENT** REEL: 037386 FRAME: 0997 503630749

ASSIGNMENT OF PATENT APPLICATION

WHEREAS.

- 1. Shengrong ZHONG having an address of No. 8 Xinzhou Road, Wuxi New District, Jiangsu 214028 China
- 2. Dongfei ZHOU having an address of No. 8 Xinzhou Road, Wuxi New District, Jiangsu 214028 China
- 3. Xiaoshe DENG having an address of No. 8 Xinzhou Road, Wuxi New District, Jiangsu 214028 China
- 4. Genyi WANG having an address of No. 8 Xinzhou Road, Wuxi New District, Jiangsu 214028 China

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled INSULATED GATE BIPOLAR TRANSISTOR AND MANUFACTURING METHOD THEREFOR, and which has been given application serial number ;

and

WHEREAS CSMC TECHNOLOGIES FAB1 CO., LTD. (hereinafter "ASSIGNEE"), a corporation organized under the laws of China and having an office and place of business at No. 8 Xinzhou Road, Wuxi New District, Jiangsu 214028 China, wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all

PATENT REEL: 037386 FRAME: 0998 legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, it successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Slandrod 2 North	butiner
1. Shengrong ZHONG	Date
Ponefei 2HOU	2012-12-23
2. Dongfei ZHOU	Date
KLADSHO DENG	2015.12.22
3. Xiaoshe DENG	Date
Genyi WANG	25-12-14
4. Geoği WANO	Date

PATENT REEL: 037386 FRAME: 0999

RECORDED: 12/30/2015