505034086 08/02/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5080837

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
ZHENQIANG MA	07/27/2018	

#### **RECEIVING PARTY DATA**

Name:	Wisconsin Alumni Research Foundation	
Street Address:	614 Walnut Street	
City:	Madison	
State/Country:	WISCONSIN	
Postal Code:	53726	

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

Property Type	Number	
Application Number:	16029811	

#### **CORRESPONDENCE DATA**

Fax Number: (608)263-1064

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.

608-265-7938 Phone: Email: mnoriega@warf.org **Correspondent Name:** MEREDITH NORIEGA Address Line 1: **614 WALNUT STREET** 

Address Line 2: 13TH FLOOR

Address Line 4: MADISON, WISCONSIN 53726

ATTORNEY DOCKET NUMBER:	P180281US01	
NAME OF SUBMITTER:	MITTER: MEREDITH NORIEGA	
SIGNATURE:	/Meredith Noriega/	
DATE SIGNED:	08/02/2018	

**Total Attachments: 2** 

source=P180281US01 Ma Assignment#page1.tif source=P180281US01 Ma Assignment#page2.tif

> **PATENT REEL: 046700 FRAME: 0355** 505034086

# ASSIGNMENT (Sole Inventor)

I am the person identified as the inventor and have contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date	
	P-N-P HETEROJUNCTION BIP	OLAR TRANSISTORS WITH	I DIAMOND COLLECT	ORS
PAT	UNITED STATES	16/029811	July 9, 2018	

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P180281US01 Wisconsin Alumni Research Foundation

> PATENT REEL: 046700 FRAME: 0356

ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P180281US01
App.#: 16/029811, Filed: July 9, 2018

Middleton, WI 53562

Zhenqiang Ma 5520 Sandhill Dr.

State of Wisconsin ) )ss County of Dane )

Inventor:

Notary Public

My Commission expires: 10-19-15

PATENT REEL: 046700 FRAME: 0357

**RECORDED: 08/02/2018**