

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YANGJIN MA	09/18/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15429677
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<b>ATTORNEY DOCKET NUMBER:</b>	074381-000021USC1
<b>NAME OF SUBMITTER:</b>	STEPHEN G. RUDISILL
<b>SIGNATURE:</b>	/Stephen G. Rudisill/
<b>DATE SIGNED:</b>	02/10/2017
<b>Total Attachments: 2</b>	
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source=074381-21USC1 Assignment1#page2.tif	

## ASSIGNMENT

I, **Yangjin Ma**, believe that I am an inventor of the subject matter disclosed in the application(s) for patent and/or invention disclosures (hereinafter "the invention(s)") identified herein as:

### **INTEGRATED SILICON-ON-INSULATOR BENT TAPER AND POLARIZATION ROTATOR**

and further identified by Attorney Docket Number **COR-021US** which application for patent was filed on **June 29, 2015** and has been assigned Serial No. **14/754,105** by the United States Patent and Trademark Office, and

### **AN OPTIMIZED 2X2 3DB MULTI-MODE INTERFERENCE COUPLER**

and further identified by Attorney Docket Number **COR-022US** which application for patent was filed on **June 29, 2015** and has been assigned Serial No. **14/754,306** by the United States Patent and Trademark Office.

For valuable consideration given to the undersigned, the receipt and sufficiency of which is hereby acknowledged, the undersigned agrees to assign, and hereby does assign, transfer and set over to **Coriant Advanced Technology, LLC**, having a place of business at 171 Madison Avenue, Suite 1100, New York NY 10016, (hereinafter "Assignee") his or her entire right, title and interest in the invention(s) identified herein in the United States, its territories, dependencies and possessions, and his or her entire right, title and interest in the invention(s) as regards all other national jurisdictions and international entities that have the power to grant patents, wherever situated, including without limitation all applications for patent which include some or all of the disclosure of, and/or claim priority to and/or the benefit of the subject matter disclosed in the invention(s) identified herein, including any provisional application, utility application, design application, and/or plant application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

In addition to the above assignment, the undersigned agrees to execute all papers necessary in connection with the invention(s), any patent application and any continuing applications, divisional applications, or continuations-in-part thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference or derivation proceeding which may be declared concerning any application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or derivation proceeding.

Assignment

USSN: 14/754,105 and 14/754,306

Filed: June 29, 2015

Attorney Docket No.: COR-021US and COR-022US

The undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent and/or valid patents in other jurisdictions to the Assignee.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from any application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grants to any duly empowered legal representative, including all patent practitioners associated with Customer Number 130853, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

The undersigned hereby states that:

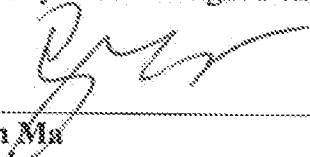
Any patent application based on the identified invention(s) was made or authorized to be made by me.

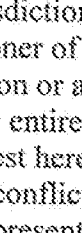
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I 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 witness whereof, this instrument has been executed by the undersigned on the date opposite the name of the undersigned.

Date: 2015-09-18

Signature:  (SEAL)  
Yangjin Ma

Witness 1: 

Witness 2: 

PRINT NAME Yang Lin

PRINT NAME Angela Santgate