PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANG LIU	11/07/2015
YANGJIN MA	11/11/2015
RUIZHI SHI	11/11/2015
MICHAEL J. HOCHBERG	11/11/2015

RECEIVING PARTY DATA

Name:	CORIANT ADVANCED TECHNOLOGY, LLC
Street Address:	171 MADISON AVENUE
Internal Address:	SUITE 1100
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10016

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15825266

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	074381-000506USC3	
NAME OF SUBMITTER:	STEPHEN G. RUDISILL	
SIGNATURE:	/Stephen G. Rudisill - Reg. No. 20,087/	
DATE SIGNED:	12/20/2017	

Total Attachments: 5

PATENT REEL: 044444 FRAME: 0974

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> PATENT REEL: 044444 FRAME: 0975

Customer No.: 70001

ASSIGNMENT

WHEREAS, we, YANG LIU, YANGJIN MA, RUIZHI SHI, and MICHAEL J. HOCHBERG, have invented certain new and useful improvements in the following: "COMPACT AND LOW LOSS Y-JUNCTION FOR SUBMICRON SILICON WAVEGUIDE," for which we have made an application for United States Letters Patent; and

WHEREAS, Coriant Advanced Technology, LLC, a limited liability company organized and existing under the laws of the State of Delaware, having its principal place of business at 171 Madison Avenue, Suite 1100, New York, NY 10016 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all provisionals, divisionals, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct the ASSIGNEE's attorneys to insert below* the serial number and filing date of said application now identified as Docket No. 074381-000506USC1 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 14/834,597

Filing Date: August 25, 2015

Atty, Docket No. 074381-000506USC1

Customer No.: 70001

Name: Yang Li

Witnessed by:

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4820-6133-2263.1

PATENT REEL: 044444 FRAME: 0977

Atty. Docket No. 074381-000506USC1

Customer No.: 70001

Executed this 1 day of 1000 (2015).

Name:

Yangjip Ma

Witnessed by:

Page 3 of 5

Atty. Docket No. 074381-000506USC1

Executed this <u>U</u>day of <u>November</u>, 2015.

Name:

Ruizhi Shi

Witnessed by:

Customer No.: 70001

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4820-6133-2262,)

PATENT REEL: 044444 FRAME: 0979

Atty, Docket No. 074381-000506USC1

Customer No.: 70001

Executed this 1 day of Navemby . 2015.

Michael J. Hochberg Name:

Witnessed by:

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4820-6133-2262 1

RECORDED: 12/20/2017

REEL: 044444 FRAME: 0980