

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM547225

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|-----------------------------------|------------------------------|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Deutsche Bank AG New York Branch | | 10/28/2019 | Banking Corporation: GERMANY |
| RECEIVING PARTY DATA | | | |
| Name: | Ciena Corporation | | |
| Street Address: | 7035 Ridge Road | | |
| City: | Hanover | | |
| State/Country: | MARYLAND | | |
| Postal Code: | 21076 | | |
| Entity Type: | Corporation: DELAWARE | | |
| PROPERTY NUMBERS Total: 16 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 2070330 | CIENA | |
| Registration Number: | 2610130 | COREDIRECTOR | |
| Registration Number: | 3080638 | ON-CENTER | |
| Registration Number: | 3505281 | FLEXSELECT | |
| Registration Number: | 2911314 | CORESTREAM | |
| Registration Number: | 3026860 | CIENA | |
| Registration Number: | 4522190 | OPTERA | |
| Registration Number: | 4251724 | CARRIER ETHERNET CERTIFIED ASSOCIATE | |
| Registration Number: | 4251726 | CARRIER ETHERNET CERTIFIED PROFESSIONAL | |
| Registration Number: | 4251725 | CARRIER ETHERNET CERTIFIED CONSULTANT | |
| Registration Number: | 4259388 | CARRIER ETHERNET CERTIFIED EXPERT | |
| Registration Number: | 4225115 | FASTMESH | |
| Registration Number: | 4515295 | OPN | |
| Serial Number: | 86057222 | THE MUX | |
| Serial Number: | 86057246 | PACKETWAVE | |
| Serial Number: | 86300161 | AGILITY | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 7036106200 | | |

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TRADEMARK

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: 7036106100
Email: boxip@hoganlovells.com
Correspondent Name: Rachel Fleeson of Hogan Lovells US LLP
Address Line 1: 8350 Broad Street, 17th Floor
Address Line 2: Attn: Box Intellectual Property
Address Line 4: Tysons, VIRGINIA 22102

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|---------------------------|--|
| NAME OF SUBMITTER: | Rachel Fleeson of Hogan Lovells US LLP |
|---------------------------|--|

| | |
|-------------------|-------|
| SIGNATURE: | /RSF/ |
|-------------------|-------|

| | |
|---------------------|------------|
| DATE SIGNED: | 10/30/2019 |
|---------------------|------------|

Total Attachments: 3

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**TERMINATION AND RELEASE OF
TRADEMARK SECURITY AGREEMENT**

This Termination and Release of Trademark Security Agreement (“Trademark Release”) is made as of October 28, 2019, by **DEUTSCHE BANK AG NEW YORK BRANCH** (the “Collateral Agent”) in favor of **CIENA CORPORATION**, a Delaware corporation with an address at 7035 Ridge Road, Hanover, Maryland 21076 (the “Assignor”).

WITNESSETH:

WHEREAS, the Assignor entered into a certain trademark security agreement dated July 15, 2014 (the “Trademark Security Agreement”) with the Collateral Agent, notice of which was recorded on July 15, 2014 at the United States Patent and Trademark Office at Reel 5322, Frame 0858.

Capitalized terms used but not otherwise defined herein have the meanings given to them in the Trademark Security Agreement.

WHEREAS, the Assignor granted the Collateral Agent, under the terms of the Trademark Security Agreement, a continuing security interest (the “Security Interest”) in favor of the Collateral Agent, in all of Assignor’s right, title and interest in, to and under all of the Trademark Collateral, including the Trademarks listed in **Schedule A**.

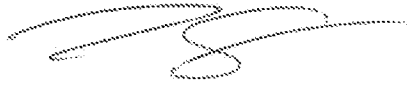
WHEREAS, the Collateral Agent has agreed to terminate and release its security interest in all such Trademark Collateral as herein provided.

NOW, THEREFORE, in consideration of the foregoing and intending to be legally bound, the Collateral Agent, for itself and on behalf of the lenders in association with the Security Interest, hereby releases, terminates and discharges any and all of its interest in the Trademark Collateral of the Assignor and any and all other rights it may have under the Trademark Security Agreement and assigns, transfers and conveys to Assignor the Security Interest in such Trademark Collateral.

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IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed as of the day and year first written above.

DEUTSCHE BANK AG NEW YORK BRANCH,
as Collateral Agent

By: 

Name: Michael Strobel
Title: Vice President

By: 

Name: Yumi Okabe
Title: Vice President

SCHEDULE A

| TM No. | App. No. | Date Filed | Date Issued | TM |
|---------------|-----------------|-------------------|--------------------|--|
| | 86/057,222 | 9/5/2013 | | THE MUX |
| | 86/057,246 | 9/5/2013 | | PACKETWAVE |
| | 86/300,161 | 6/4/2014 | | AGILITY |
| 2,070,330 | 74/641,237 | 3/2/1995 | 6/10/1997 | CIENA |
| 2,610,130 | 75/703,302 | 5/12/1999 | 8/20/2002 | COREDIRECTOR |
| 3,080,638 | 78/428,393 | 3/30/2000 | 4/11/2006 | ON-CENTER |
| 3,505,281 | 78/628,837 | 5/12/2005 | 9/23/2008 | FLEXSELECT |
| 2,911,314 | 75/720,971 | 6/3/1999 | 12/14/2004 | CORESTREAM |
| 3,026,860 | 78/394,001 | 3/31/2004 | 12/13/2005 | CIENA |
| 4,522,190 | 85/041,546 | 5/18/2010 | 4/29/2014 | OPTERA |
| 4,251,724 | 85/332,002 | 5/27/2011 | 11/27/2012 | CARRIER ETHERNET CERTIFIED ASSOCIATE |
| 4,251,726 | 85/332,076 | 5/27/2011 | 11/27/2012 | CARRIER ETHERNET CERTIFIED PROFESSIONAL |
| 4,251,725 | 85/332,069 | 5/27/2011 | 11/27/2012 | CARRIER ETHERNET CERTIFIED CONSULTANT |
| 4,259,388 | 85/332,066 | 5/27/2011 | 12/11/2012 | CARRIER ETHERNET CERTIFIED EXPERT |
| 4,225,115 | 85/550,476 | 2/23/2012 | 10/16/2012 | FASTMESH |
| 4,515,295 | 85/634,200 | 5/24/2012 | 4/15/2014 | OPN |