

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6889691

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAHAB OVEIS GHARAN	08/18/2021
JAMES ST. LEGER HARLEY	08/26/2021
KENDAL ZIMMER	08/11/2021
CHRISTIAN BOURGET	08/23/2021
RECEIVING PARTY DATA	
Name:	CIENA CORPORATION
Street Address:	7035 RIDGE ROAD
City:	HANOVER
State/Country:	MARYLAND
Postal Code:	21076
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17460437
Application Number:	63160073
CORRESPONDENCE DATA	
Fax Number:	(800)660-3911
<i>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.</i>	
Phone:	416-630-0071
Email:	uspto@integralip.com
Correspondent Name:	INTEGRAL IP
Address Line 1:	1370 DON MILLS ROAD, SUITE 300
Address Line 4:	TORONTO, CANADA M3B 3N7
ATTORNEY DOCKET NUMBER:	C10.2864
NAME OF SUBMITTER:	AMY SCOUTEN
SIGNATURE:	/Amy Scouten, Reg. #73,057/
DATE SIGNED:	08/30/2021
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, **Shahab OVEIS GHARAN and James St. Leger HARLEY and Kendal ZIMMER and Christian BOURGET** (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

LOW-POWER PRE-COMPENSATION OF LINEAR AND NONLINEAR TRANSMITTER EFFECTS IN NARROW-SPECTRUM OPTICAL SIGNALS

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith, and for which United States Provisional Patent Application No. 63/160,073 was filed on Mar. 12, 2021; and

WHEREAS, **Ciena Corporation, 7035 Ridge Road, Hanover, MD 21076 USA** (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any administrative proceeding or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:



Shahab OVEIS GHARAN

Date: August 18th, 2021

James St. Leger HARLEY

Date: _____

Kendal ZIMMER

Date: _____

Christian BOURGET

Date: _____

ASSIGNMENT

WHEREAS Shaboh OVEIS GHARAN and James St. Leger HARLEY and Ronald ZIMMER and Christian BOURELET (hereinafter referred to as "ASSIGNORS") have assigned their own and several assignments as an invention entitled

LOW-POWER PRE-COMPENSATION OF LINEAR AND NONLINEAR TRANSMITTER EFFECTS IN NARROW-SPECTRUM OPTICAL SIGNALS

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office hereinafter and by which United States Provisional Patent Application No. 89-0177 was filed on May 17, 1989, and

WHEREAS, Cams Corporation, 705 Ridge Road, Hanover, MD 21076 USA (hereinafter referred to as "ASSIGNEE") in absence of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon,

IN WITNESS WHEREOF, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and in full and valuable consideration, the receipt and acknowledgment of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained by said application by said application or any application claiming priority therein the application or any continuation, division, continuation-in-part, re-examination, renewal, substitute, extension or renewal thereof or any legal equivalent thereof in a foreign country for the full amount for which the same may be granted, and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, as now or hereafter may be required by ASSIGNORS, or lawful successors and assigns,

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all papers, files and documents relating to said invention, said application and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will assist as to the same in any administrative proceeding or litigation related thereto and will promptly execute and deliver to ASSIGNEE as its legal representative any and all oaths, instruments or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:

Shaboh OVEIS GHARAN	Date
	Date
James St. Leger HARLEY	Date
Ronald ZIMMER	Date
Christian BOURELET	Date

ASSIGNMENT

WHEREAS, Shahab OVEIS GHARAN and James St. Leger HARLEY and Kendal ZIMMER and Christian BOURGET (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

LOW-POWER PRE-COMPENSATION OF LINEAR AND NONLINEAR TRANSMITTER EFFECTS IN NARROW-SPECTRUM OPTICAL SIGNALS

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith, and for which United States Provisional Patent Application No. 63/160,073 was filed on Mar. 12, 2021; and

WHEREAS, Ciena Corporation, 7035 Ridge Road, Hanover, MD 21076 USA (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

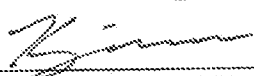
NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any administrative proceeding or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:

Shahab OVEIS GHARAN Date: _____

James St. Leger HARLEY Date: _____


Kendal ZIMMER Date: August 11, 2021

Christian BOURGET Date: _____

ASSIGNMENT

WHEREAS, **Shahab OVEIS GHARAN and James St. Leger HARLEY and Kendal ZIMMER and Christian BOURGET** (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

LOW-POWER PRE-COMPENSATION OF LINEAR AND NONLINEAR TRANSMITTER EFFECTS IN NARROW-SPECTRUM OPTICAL SIGNALS

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith, and for which United States Provisional Patent Application No. 63/160,073 was filed on Mar. 12, 2021; and

WHEREAS, **Ciena Corporation, 7035 Ridge Road, Hanover, MD 21076 USA** (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any administrative proceeding or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:

Shahab OVEIS GHARAN Date : _____

James St. Leger HARLEY Date : _____

Date : _____

Kendal ZIMMER

Christian Bourget

Date: 2021-08-27

Christian BOURGET

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