

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6266259

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN P. HILL	10/27/2017
WILLIAM J. CRUZEN	10/24/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CLEARFIELD, INC.
<b>Street Address:</b>	7050 WINNETKA AVENUE, NORTH
<b>City:</b>	MINNEAPOLIS
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55428
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16935317
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)204-5150
<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>	
<b>Phone:</b>	617-204-5109
<b>Email:</b>	sharon.calhoun@troutman.com
<b>Correspondent Name:</b>	ALISON L. MCCARTHY
<b>Address Line 1:</b>	125 HIGH ST., HIGH ST. TOWER, 19TH FL.
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<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	140796.01011
<b>NAME OF SUBMITTER:</b>	ALISON L. MCCARTHY
<b>SIGNATURE:</b>	/Alison L. McCarthy, Reg. No. 51998/
<b>DATE SIGNED:</b>	08/25/2020
<b>Total Attachments: 3</b>	
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## A S S I G N M E N T

WHEREAS, we, John P. HILL and William J. CRUZEN (hereinafter collectively, the "Assignor"), are inventors of a certain new and useful invention as set forth and disclosed in a non-provisional application for United States Letters Patent entitled Optical Fiber Distribution Systems and Components, filed on September 25, 2017, as Application No. 15/714,569 (hereinafter the "Invention"); and

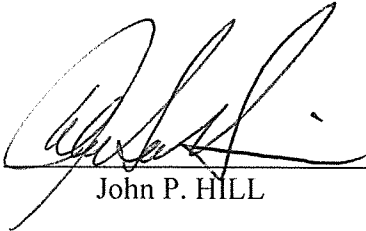
WHEREAS, Clearfield, Inc., having an address of 7050 Winnetka Avenue, North, Minneapolis, Minnesota 55428 (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the above-mentioned application, including any applications which claim priority to the above referenced application, any applications to which the above referenced applications claim priority, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention;

UPON SAID CONSIDERATION, Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said Invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

**The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.**

AND Assignor requests that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as an owner of Assignor's entire right, title and interest in and to said Patent and the Invention covered thereby.

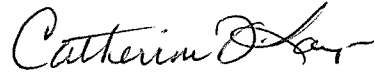
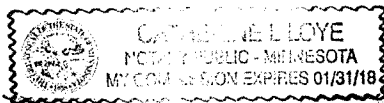
Date: 10-27-2017

  
 John P. HILL
ACKNOWLEDGMENT

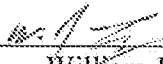
STATE OF MINNESOTA                    )  
   )  
 COUNTY OF HENNEPIN                    )       SS.

On this 27th day of OCTOBER, 2017, before me, a Notary Public, personally appeared John P. HILL, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

S E A L

Notary Public

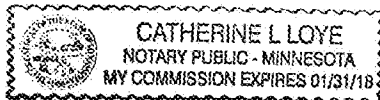

My commission expires 01-31-2018

Date: OCTOBER 24th, 2017  
\_\_\_\_\_  
William J. CRUZENACKNOWLEDGMENT

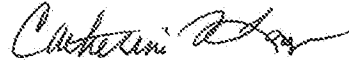
STATE OF MINNESOTA )  
 )  
COUNTY OF HENNEPIN ) SS.

On this 24th day of OCTOBER, 2017, before me, a Notary Public, personally appeared William J. CRUZEN, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL



Notary Public

My commission expires 1/31/2018