

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3497801

<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	11/20/2013
WALTER E. POWER	11/20/2013
RANDY VAN HORN	11/20/2013
<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>	14719509
<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>	617-204-5100
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<b>Correspondent Name:</b>	ALISON L. MCCARTHY
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<b>ATTORNEY DOCKET NUMBER:</b>	140796.00211
<b>NAME OF SUBMITTER:</b>	ALISON L. MCCARTHY
<b>SIGNATURE:</b>	/Alison L. McCarthy, Reg. No. 51,998/
<b>DATE SIGNED:</b>	08/25/2015
<b>Total Attachments: 4</b>	
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## A S S I G N M E N T

WHEREAS, we, John P. HILL, Walter E. POWER and Randy VAN HORN (hereinafter collectively, the "Assignor"), are inventors of a certain new and useful invention as set forth and disclosed in an application for United States Letters Patent entitled MULTIPORT OPTICAL FIBER TERMINAL, filed on November 14, 2013, as Application No. 14/080,783 (hereinafter the "Invention").

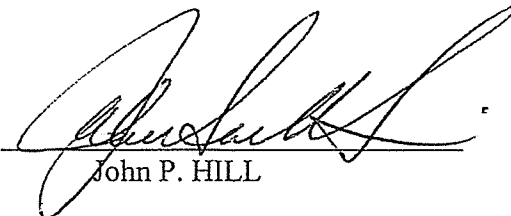
WHEREAS, Clearfield, Inc., having an address of 5480 Nathan Lane, Plymouth, Minnesota 55442 (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that 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;

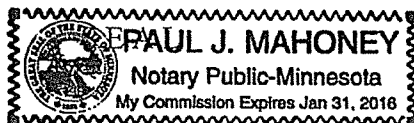
UPON SAID CONSIDERATION, Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional 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: 11-20-2013  
John P. HILLACKNOWLEDGMENTSTATE OF MN )  
COUNTY OF Hennepin ) SS.

On this 20<sup>th</sup> day of November, 2013, 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.



Notary Public

My commission expires January 31, 2016

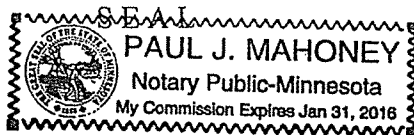
Date: 11-20-14 <sup>WEP</sup>

Walter E. POWER  
Walter E. POWER

ACKNOWLEDGMENT

STATE OF MN )  
COUNTY OF Hennepin ) SS.

On this 20 day of Nov, 2013, before me, a Notary Public, personally appeared Walter E. POWER, 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.



Notary Public Paul J. Mahoney  
My commission expires January 31, 2016

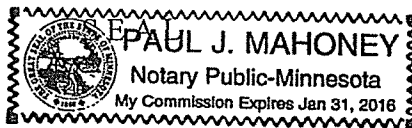
Date: 11-20-2013

Randy VAN HORN  
Randy VAN HORN

ACKNOWLEDGMENT

STATE OF MN )  
 )  
COUNTY OF Hennipen ) SS.

On this 20<sup>th</sup> day of November, 2013, before me, a Notary Public, personally appeared Randy VAN HORN, 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.



Notary Public

My commission expires January 31, 2016