PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
JOHN P. HILL	01/09/2019	
TODD M. BADE	01/09/2019	
BROCK A. HILL	01/14/2019	

RECEIVING PARTY DATA

Name:	CLEARFIELD, INC.
Street Address: 7050 WINNETKA AVENUE, NORTH	
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55428

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16729826

CORRESPONDENCE DATA

Fax Number: (617)204-5150

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: 617-204-5100

Email: calhouns@pepperlaw.com ALISON L. MCCARTHY **Correspondent Name:**

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Address Line 2: PEPPER HAMILTON, LLP

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	140796.01601
NAME OF SUBMITTER: ALISON L. MCCARTHY	
SIGNATURE: /Alison L. McCarthy, Reg. No. 51998/	
DATE SIGNED:	01/10/2020

Total Attachments: 4

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PATENT REEL: 051474 FRAME: 0896

ASSIGNMENT

WHEREAS, we, John P. HILL, Todd M. BADE and Brock A. HILL (hereinafter collectively, the "Assignor"), are inventors of a certain new and useful invention as set forth and disclosed in a provisional application for United States Letters Patent entitled Fiber Optic Panel with Moveable Cable Support Assembly, filed on December 28, 2018, as Application No. 62/785,767 (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: 1-9-2019 John P. HILL
ACKNOWLEDGMENT
STATE OF MINNESOTA) COUNTY OF HENNEPIN)
On this 9Ha day of Jau, 2019, 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.
STALCATHERINE L LOYE Notary Public Cathern Francisco My COMMISSION EXPIRES 01/31/23 My Commission expires 0/31/2023

	Jell Male_
Date: <u>O9JAN 19</u>	Todd M. BADE
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Δ	<u>CKNOWLEDGMENT</u>
STATE OF Mingosta)
COUNTY OF Hennepin) SS.)
appeared Todd M. BADE, to me know	JON, 2019, before me, a Notary Public, personally own to be the person named in and who executed the above that he executed the same for the uses and purposes therein
SEAL	Notary Public Donna Mary Hanten My commission expires Jan 31, 2023
DONNA MARY HANTEN Notary Public Minnesota My Commission Equipm	My commission expires Jan 31, 2023

	.	Burt till	
Date:	1-14-2019	Brock A, HILL	

ACKNOWLEDGMENT

STATE OF MENNESOTA)	
)	SS.
COUNTY OF HENNEPIN)	

On this 14th day of Invaled, 2019, before me, a Notary Public, personally appeared Brock A. 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.

SEAL

CATHERINE L LOYE
NOTARY PUBLIC - MINNESOTA
MY COMMISSION EXPIRES 01/31/23

Notary Public

My commission expires $\frac{1/31/2023}{}$

Catherin Hogy