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Sale Adjustment Accounting Date:09/22/2020

Effective Date	Sale Accounting Date	Sale Item Reference Number
01/07/2020	09/22/2020	16736345

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20209LE20387471	2111	UTILITY SEARCH FEE	\$330.00	Visa



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :68971

Refund Accounting Date:09/22/2020

Effective Date	Sale Item Reference Number	Refund Total
01/07/2020	16736345	\$330.00

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method	Account Number
I20209LE20387471	2111	UTILITY SEARCH FEE	\$330.00	Visa	*****8294



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/736,345	01/07/2020	Walter Ernest Power II	TETH108	1035

44088 7590 09/22/2020
KAUFHOLD DIX PATENT LAW
P. O. BOX 89626
SIOUX FALLS, SD 57109

EXAMINER

ART UNIT	PAPER NUMBER
3634	

NOTIFICATION DATE	DELIVERY MODE
09/22/2020	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

jason@kaufholdlaw.com

Decision Granting Petition under 37 CFR 1.138(d)	Application No. 16/736,345	Applicant(s) Power et al.
		AIA (FITF) Status Yes

The declaration of express abandonment is recognized

This is in response to the petition under 37 CFR 1.138(d), requesting for a refund of any previously paid search fee and excess claims fee in the above-identified application.

The petition is **GRANTED**.

The express abandonment is recognized. Any previously paid search fee and excess claims fee are hereby refunded.

Telephone inquiries should be directed to the Office of Data Management at 571-272-4200.

/DESHAWN D DURHAM/
Patent Publication Branch
Office of Data Management

**PETITION FOR EXPRESS
ABANDONMENT TO OBTAIN A REFUND**

File the petition electronically using EFS-Web
Or Mail the petition to:
Mail Stop Express Abandonment
Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	16/736,345
Filing Date	01/07/2020
First Named Inventor	Walter Ernest Power II
Art Unit	
Examiner Name	
Attorney Docket Number	TETH108

Petition for Express Abandonment Under 37 CFR 1.138(d) to Obtain a Refund

I hereby petition to expressly abandon the above-identified application to obtain a refund of any previously paid search fee and excess claims fee in the application. Please refund any search fee and excess claims fee paid in this application.

☒ The Director is hereby authorized to credit the fee(s) to Deposit Account No. Credit Card

NOTE: The provisions of 37 CFR 1.138(d) only apply to applications filed under 35 U.S.C. 111(a) on or after December 8, 2004. A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

TO AVOID PUBLICATION, INCLUDE FORM PTO/AIA/24A AND PETITION FEE WITH THIS FORM.

I am the:

☐ applicant.

☒ attorney or agent of record. Attorney or agent registration number is 46820

☐ attorney or agent acting under 37 CFR 1.34, who is authorized under 37 CFR 1.138(b) because the application is expressly abandoned in favor of a continuing application.

Attorney or agent registration number is _____

/seankaufhold/

Signature

09/16/2020

Date

Sean A. Kaufhold

Typed or printed name

605-334-1571

Telephone Number

Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted

This collection of information is required by 37 CFR 1.138(c). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Express Abandonment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	40578381
Application Number:	16736345
International Application Number:	
Confirmation Number:	1035
Title of Invention:	Bridge Rope Assembly
First Named Inventor/Applicant Name:	Walter Ernest Power
Customer Number:	44088
Filer:	Brendan Bennett Dix/Jason Wormstadt
Filer Authorized By:	Brendan Bennett Dix
Attorney Docket Number:	TETH108
Receipt Date:	16-SEP-2020
Filing Date:	07-JAN-2020
Time Stamp:	16:41:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Exp Aband for refund or to avoid pub	TETH108aia0024b.pdf	105598	no	2
			2cf305e71dd8ed65afbc5d8f19bc12f8d5ef4b6f		

Ex. 1002

Warnings:

Information:	
Total Files Size (in bytes):	105598
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>	

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 16/736,345	
APPLICATION AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	330		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	380		N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	14	minus 20 = *	x 50 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2	minus 3 = *	x 230 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s)) If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				0.00			
				0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			TOTAL	785		TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2.							
APPLICATION AS AMENDED - PART II							
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =
	Application Size Fee (37 CFR 1.16(s))					OR	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					OR	
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =
	Application Size Fee (37 CFR 1.16(s))					OR	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					OR	
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.							



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United States Patent and Trademark Office
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www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
16/736,345	01/07/2020	3677	785	TETH108	14	2

CONFIRMATION NO. 1035

FILING RECEIPT

44088
KAUFHOLD DIX PATENT LAW
P. O. BOX 89626
SIOUX FALLS, SD 57109



Date Mailed: 01/30/2020

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Walter Ernest Power II, Jordan, MN;
Gregory Alan Godfrey, Richmond Hill, GA;
Carl Eugene Kossuth III, Rolla, MO;

Applicant(s)

Tethrd LLC, Carver, MN;

Assignment For Published Patent Application

Tethrd, LLC, Carver, MN

Power of Attorney: The patent practitioners associated with Customer Number 44088

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 01/28/2020

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/736,345**

Projected Publication Date: 07/08/2021

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Bridge Rope Assembly

Preliminary Class

024

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	Walter Ernest Power II	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	TETH108	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	8061479		2011-11-22	Harris Jr.	
	2	8292028		2012-10-23	Wise	
	3	8356691		2013-01-22	Griffith	
	4	8584799		2013-11-19	Dennington	
	5	9320925		2016-04-26	Wise	
	6	9808659		2017-11-07	Chevalier	
	7	10258814		2019-04-16	Casebolt	
If you wish to add additional U.S. Patent citation information please click the Add button.						Add
U.S.PATENT APPLICATION PUBLICATIONS						Remove

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		
Filing Date		
First Named Inventor	Walter Ernest Power II	
Art Unit		
Examiner Name		
Attorney Docket Number	TETH108	

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20080179136		2008-07-31	Griffith	
	2	20090255756		2009-10-15	Green	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO2018111624	WO		2018-06-21	Jacob		

If you wish to add additional Foreign Patent Document citation information please click the Add button.

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		

If you wish to add additional non-patent literature document citation information please click the Add button.

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	
First Named Inventor	Walter Ernest Power II
Art Unit	
Examiner Name	
Attorney Docket Number	TETH108

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	
First Named Inventor	Walter Ernest Power II
Art Unit	
Examiner Name	
Attorney Docket Number	TETH108

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/brendandix/	Date (YYYY-MM-DD)	2019-12-26
Name/Print	Brendan B. Dix	Registration Number	37,313

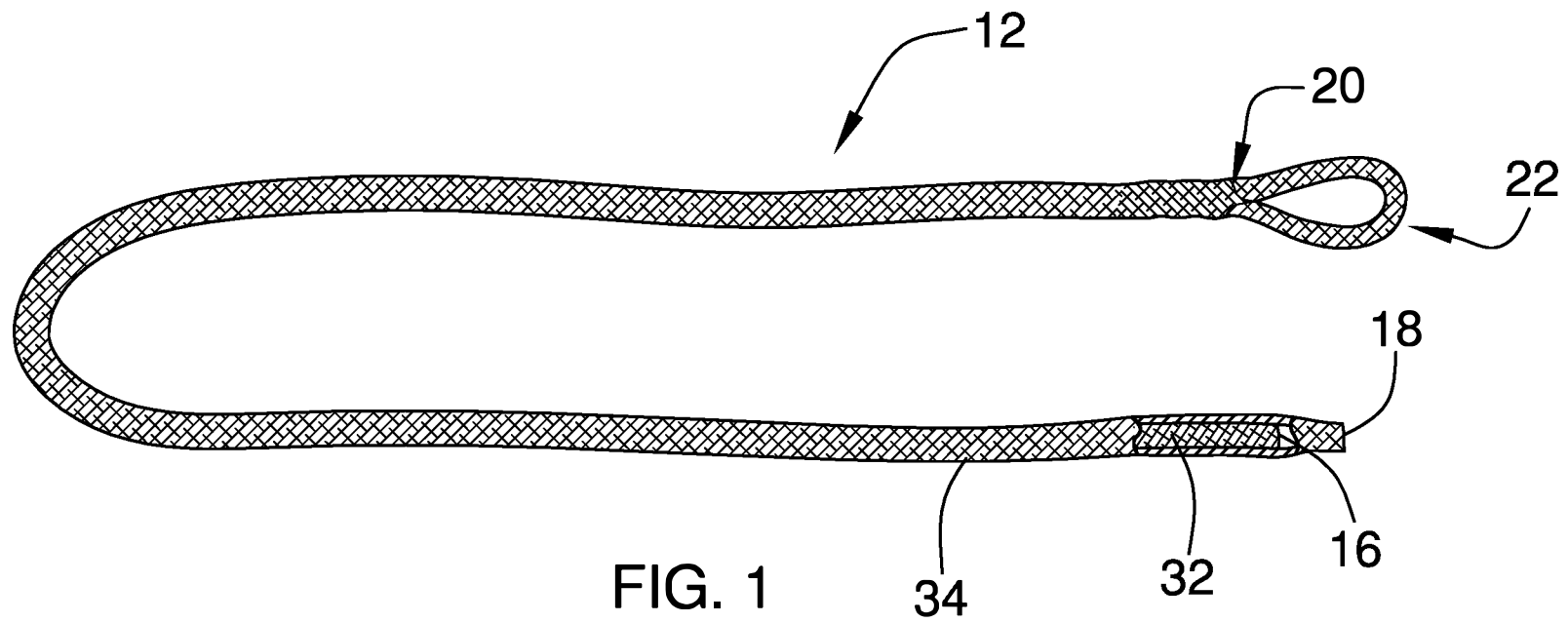
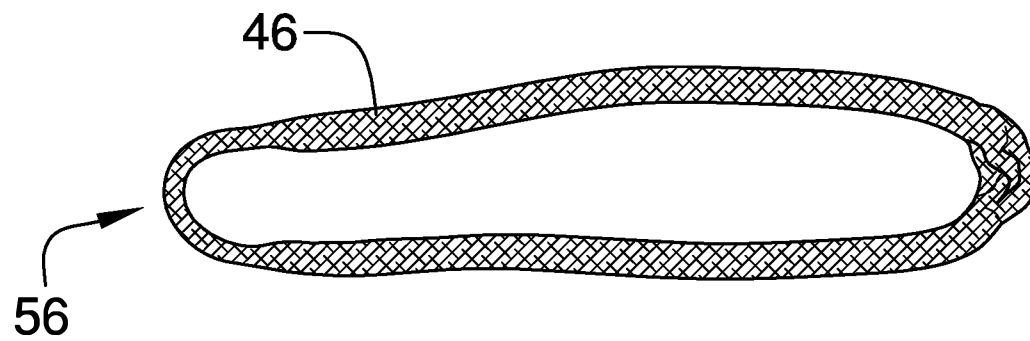
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



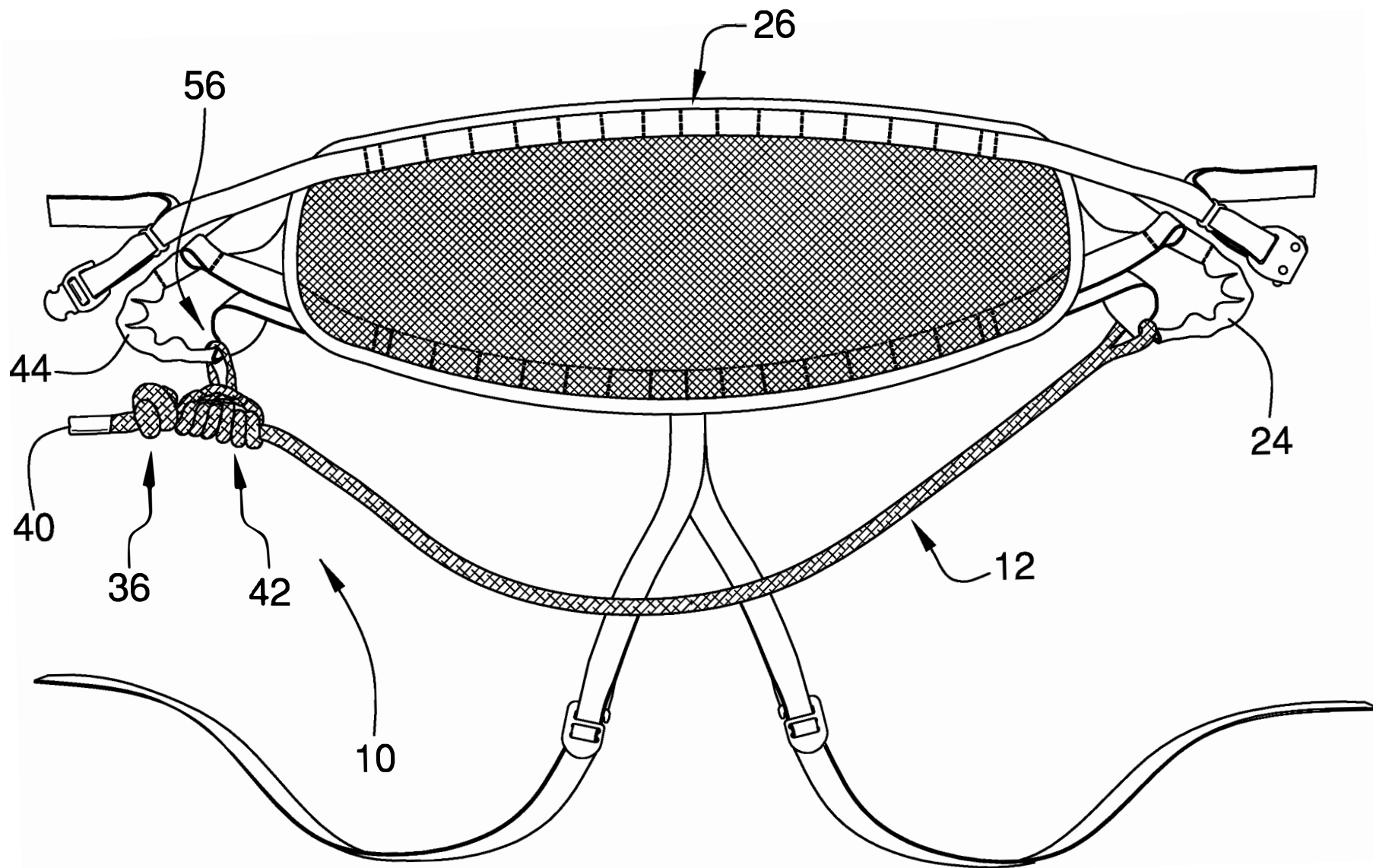
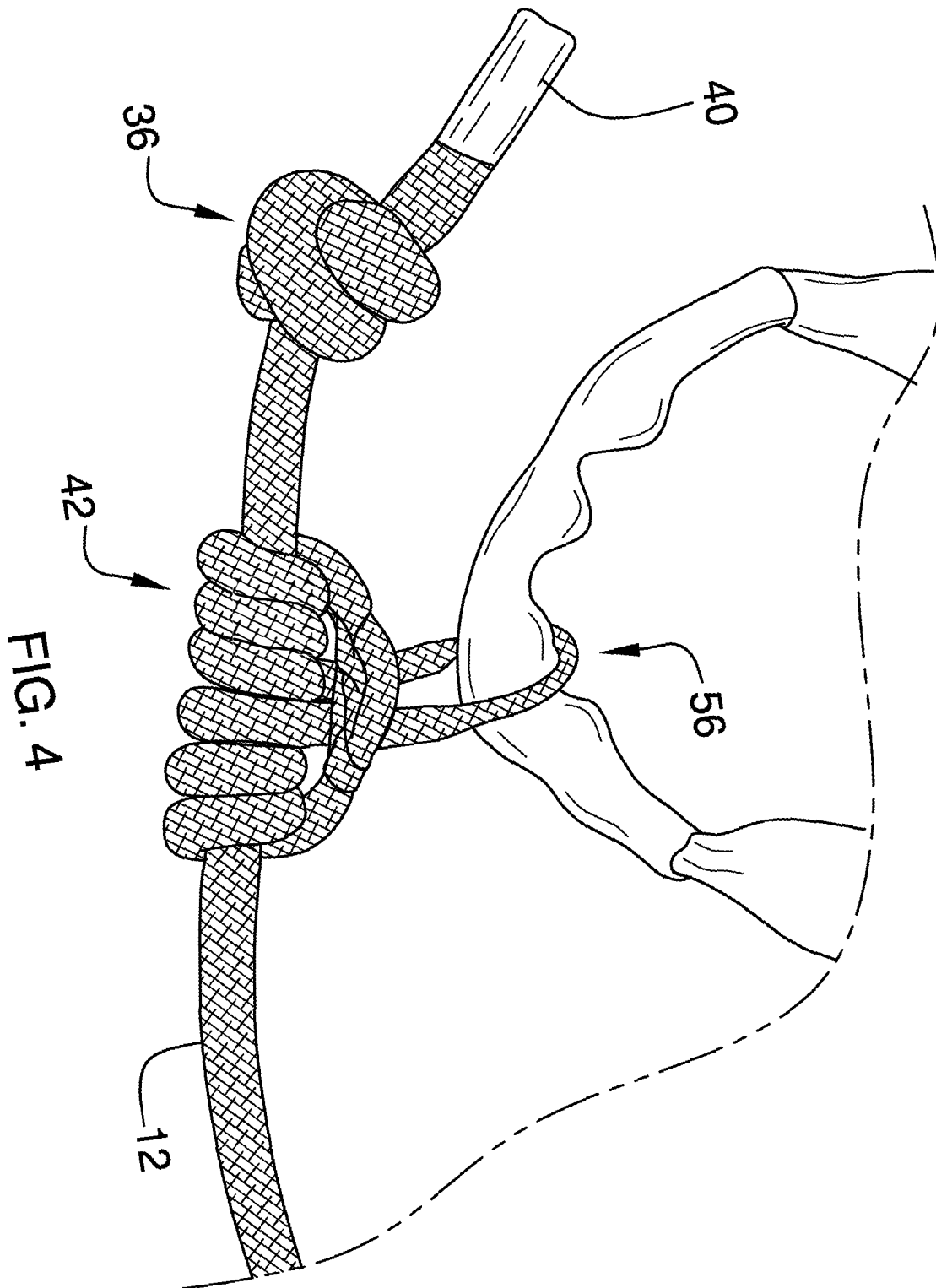


FIG. 3



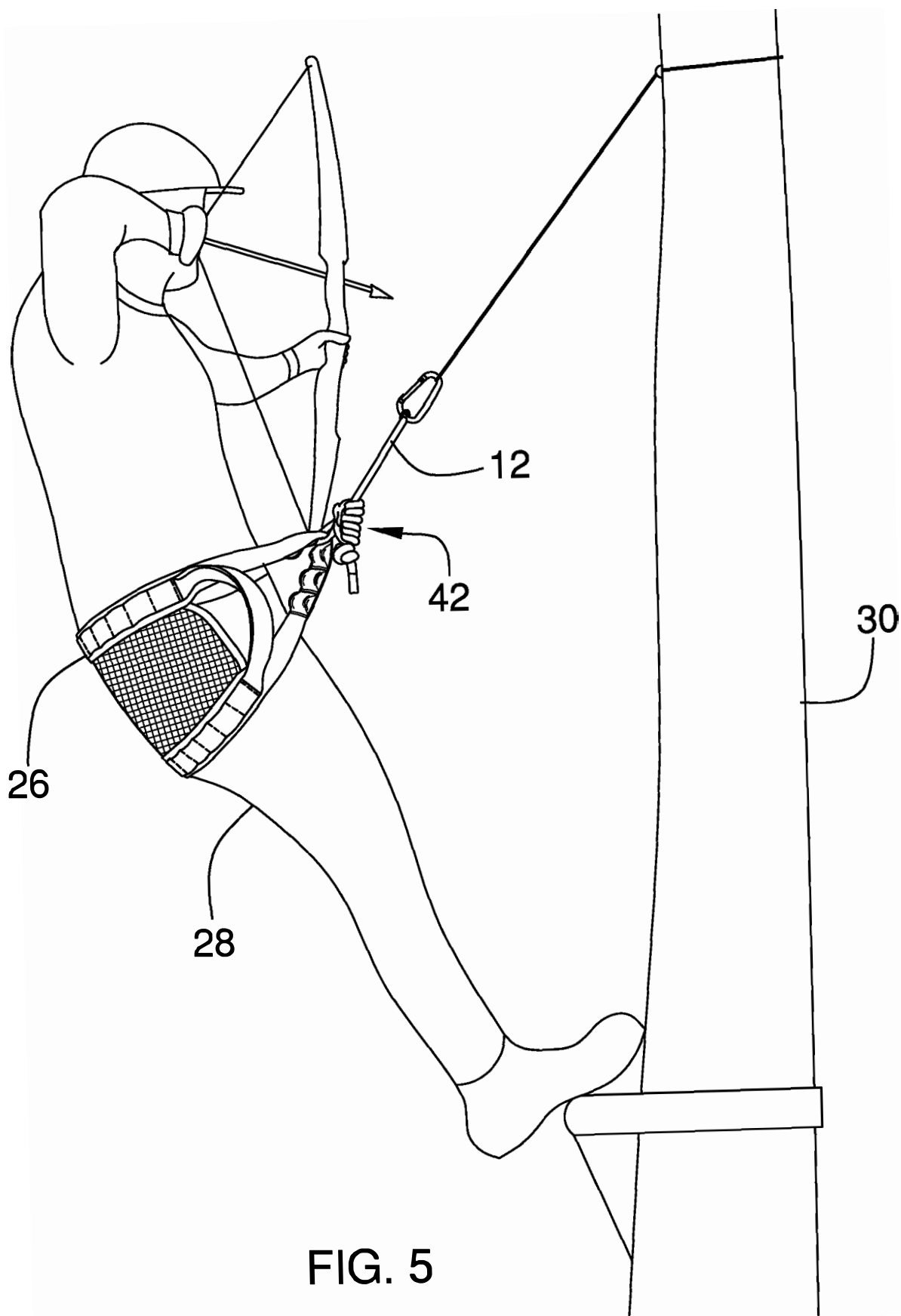


FIG. 5

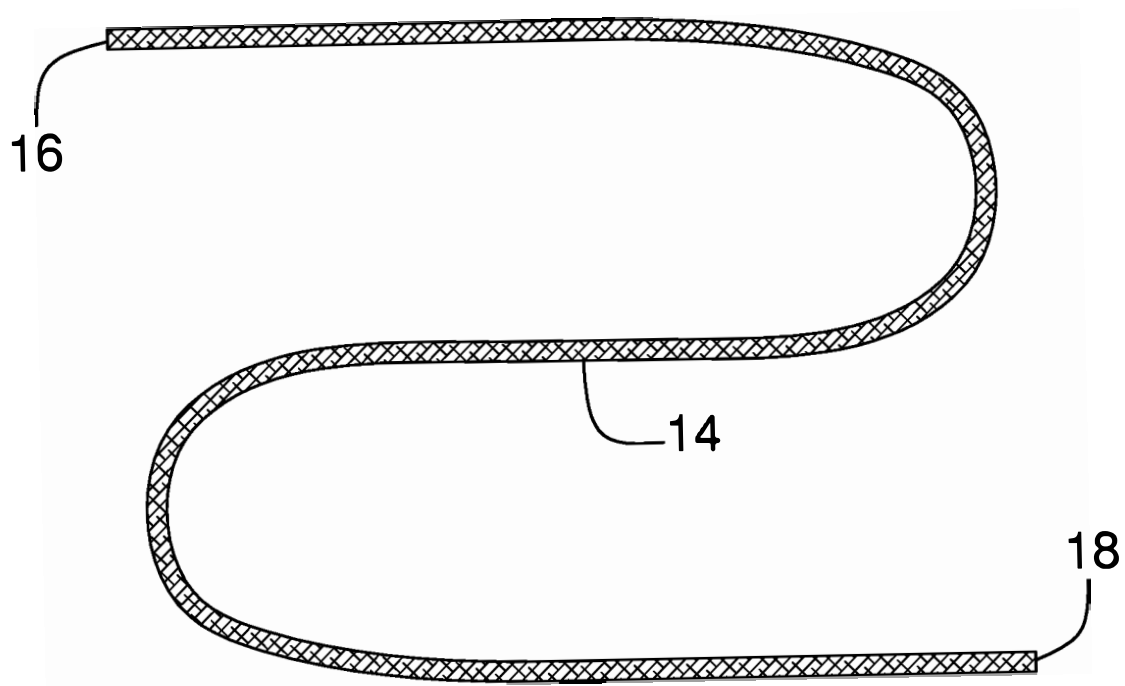


FIG. 6

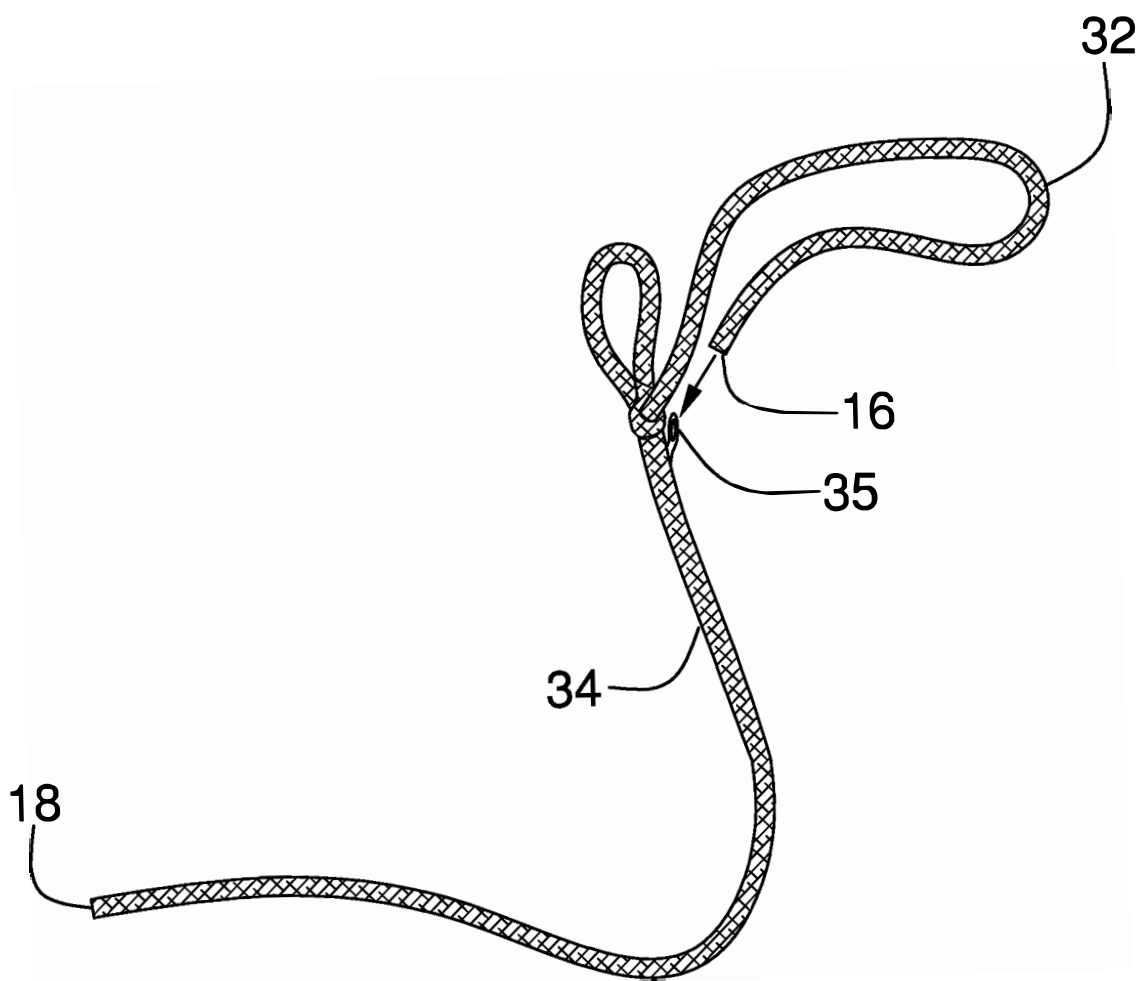


FIG. 7

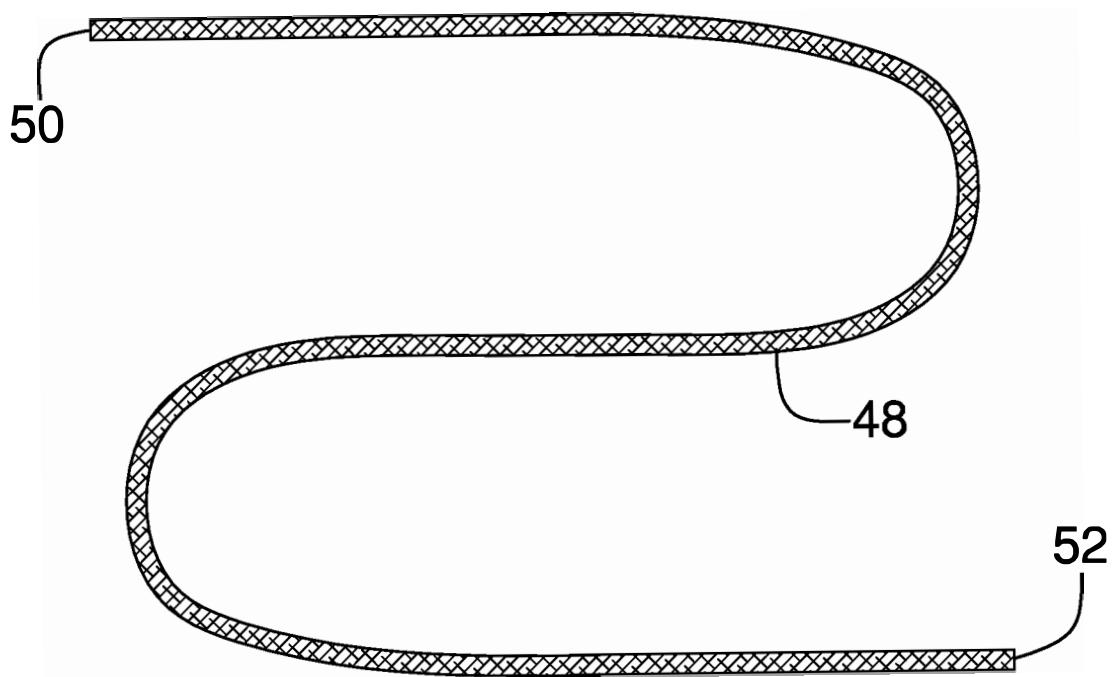


FIG. 8

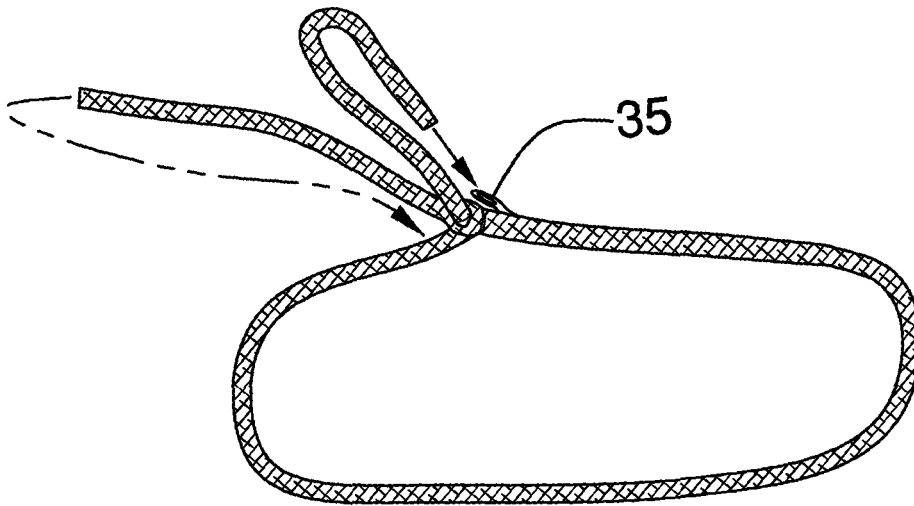


FIG. 9

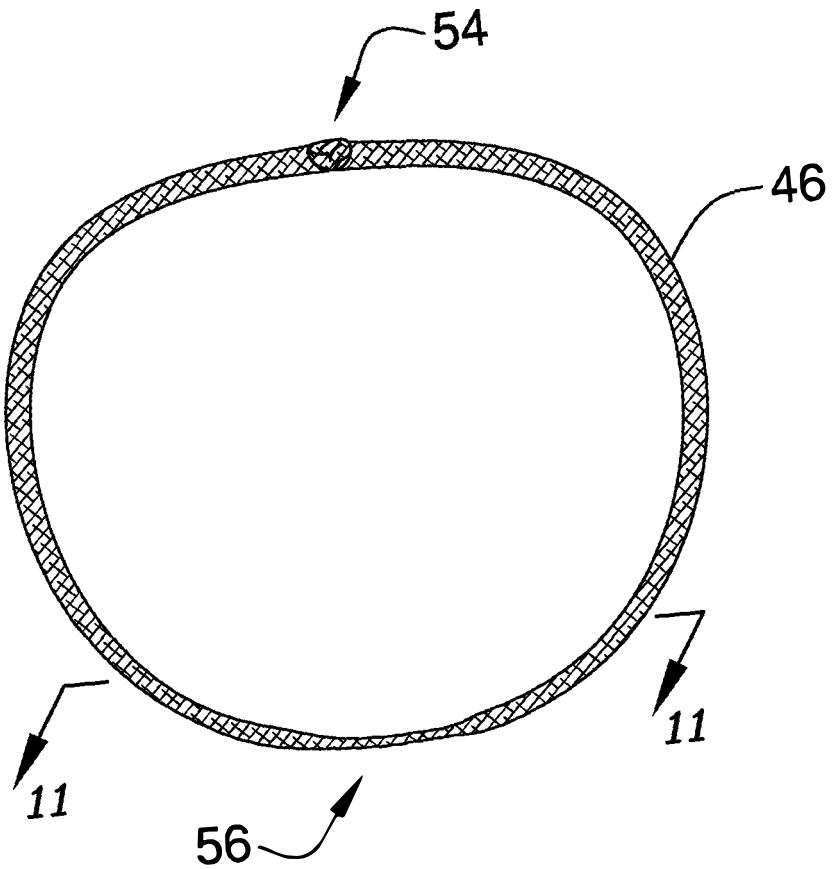


FIG. 10

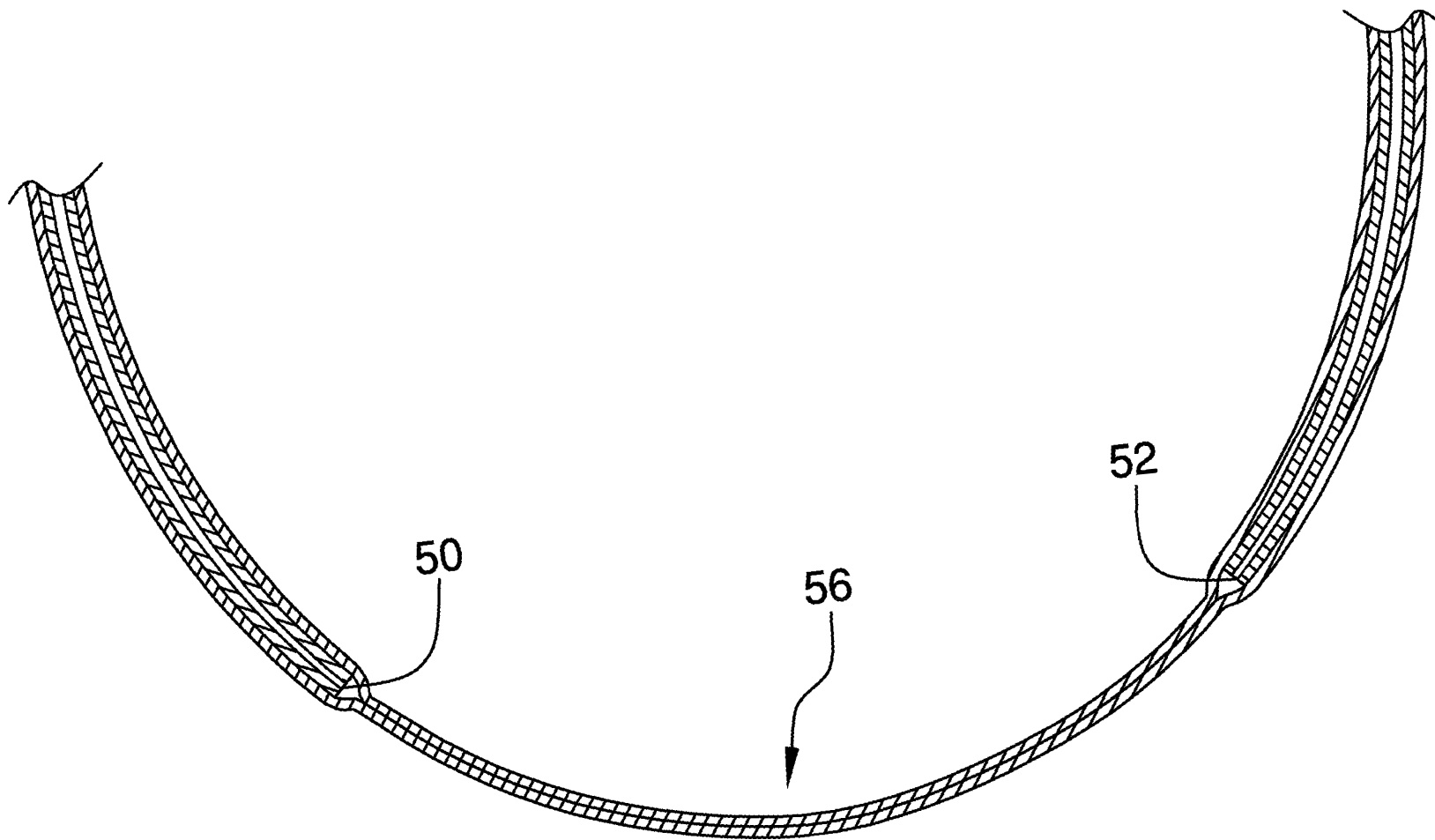


FIG. 11

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	
Filing Date	
First Named Inventor	Walter Ernest Power II
Title	BRIDGE ROPE ASSEMBLY
Art Unit	
Examiner Name	
Attorney Docket Number	TETH108

SIGNATURE of Applicant or Patent Practitioner

Signature	/seankaufhold/	Date (Optional)	2020-01-07
Name	Sean A. Kaufhold	Registration Number	46.820
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☐

*Total of _____ forms are submitted.

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number

Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)



I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

44088

OR



I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:



The address associated with the above-mentioned Customer Number

OR



The address associated with Customer Number:

OR

Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Tethrd, LLC



Inventor or Joint Inventor (title not required below)



Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)



Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)



Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature

Date (Optional)

Name

Walter Ernest Power II

Title

C.O.O. Tethrd, LLC

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of forms are submitted.

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EX-1002
Crüzr v. Tethrd

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of
Invention

BRIDGE ROPE ASSEMBLY

As the below named inventor, I hereby declare that:

This declaration
is directed to:



The attached application, or



United States application or PCT international application number _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Walter Ernest Power II

Date (Optional) : _____

Signature: *Walter Ernest Power II*

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)****Title of
Invention****BRIDGE ROPE ASSEMBLY**

As the below named inventor, I hereby declare that:

This declaration
is directed to:☒

The attached application, or

☐

United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001
by fine or imprisonment of not more than five (5) years, or both.**WARNING:**

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LEGAL NAME OF INVENTORInventor: Carl Eugene Kossuth III

Date (Optional) : _____

Signature: Carl Kossuth

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of
Invention**

BRIDGE ROPE ASSEMBLY

As the below named inventor, I hereby declare that:

This declaration
is directed to:

☒

The attached application, or

☐

United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

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LEGAL NAME OF INVENTOR

Inventor: Gregory Alan Godfrey

Date (Optional) : _____

Signature: _____

Gregory Alan Godfrey

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

(I) ABSTRACT OF THE DISCLOSURE

5 A bridge rope assembly includes a main body comprising a rope that has a first
end and a second end. The rope has a splice therein to form an eye loop in the main body.
The eye loop is configured to engage a first bridge loop of a harness. The main body
comprises a first portion including the first end and a second portion including the second
end. The first portion extends through the second portion of the main body such that the
10 first end is positioned adjacent to the second end. A distance between the first and
second ends is less than 2.0 inches.

(k) CLAIM OR CLAIMS

I claim:

1. A bridge rope assembly configured to couple together a tree rope to a first bridge loop and a second bridge loop on a harness, the bridge rope assembly including:
a main body comprising a rope having a first end and a second end, the main body having a splice therein to form an eye loop in the main body, the eye loop being configured to engage the first bridge loop, the main body comprising a first portion including the first end and a second portion including the second end, the first portion extending through the second portion of the main body such that the first end is positioned adjacent to the second end, a distance between the first and second ends being less than 2.0 inches.
2. The bridge rope assembly according to claim 1, wherein the rope has a length from the first end to the second end between 72.0 inches and 126.0 inches.
3. The bridge rope assembly according to claim 1, wherein a distance of the eye loop to the second end is between 24.0 inches and 40.0 inches.
4. The bridge rope assembly according to claim 3, further including a securing member being positioned on the main body at a juncture of the first and second ends to retain the first and second ends at a static position relative to each other.
5. The bridge rope assembly according to claim 4, wherein the main body includes a stop knot in the second portion adjacent to the second end.
6. The bridge rope assembly according to claim 1, further including a friction hitch being positioned on the main body between the stop knot and the eye loop, the friction hitch being configured to engage the second bridge loop, the friction hitch

comprising a closed loop, the closed loop comprising a single rope being formed into the closed loop with a splice having a pair ends each being buried into the closed loop a distance of at least 40% of a total circumference of the closed loop.

7. The bridge rope assembly according to claim 6, wherein the single rope of the closed loop has a length between 40.0 inches and 60.0 inches.

8. The bridge rope assembly according to claim 7, wherein the closed loop has a total circumference of between 20.0 inches and 30.0 inches.

9. The bridge rope assembly according to claim 6, wherein the closed loop has a total circumference of between 20.0 inches and 30.0 inches.

10. The bridge rope assembly according to claim 9, wherein the main body and the friction hitch each are comprised of UHMWPE.

11. The bridge rope assembly according to claim 1, wherein the main body is comprised of UHMWPE.

12. The bridge rope assembly according to claim 9, wherein a distance of the eye loop to the second end is between 24.0 inches and 40.0 inches.

13. The bridge rope assembly according to claim 12, wherein the closed loop has a total circumference of between 20.0 inches and 30.0 inches.

14. A bridge rope assembly configured to couple together a tree rope to a first bridge loop and a second bridge loop on a harness, the bridge rope assembly including:
a main body comprising a rope having a first end and a second end, the main body having a splice therein to form an eye loop in the main body, the eye loop being configured to engage the first bridge loop, the main body comprising

a first portion including the first end and a second portion including the second end, the first portion extending through the second portion of the main body such that the first end is positioned adjacent to the second end, a distance between the first and second ends being less than 2.0 inches, the rope having a length from the first end to the second end between 72.0 inches and 126.0 inches, a distance of the eye loop to the second end being between 24.0 inches and 40.0 inches;

a securing member being positioned on the main body at a juncture of the first and second ends to retain the first and second ends at a static position relative to each other;

the main body including a stop knot in the second portion adjacent to the second end;

a friction hitch being positioned on the main body between the stop knot and the eye loop, the friction hitch being configured to engage the second bridge loop, the friction hitch comprising a closed loop, the closed loop comprising a single rope being formed into the closed loop with a splice having a pair ends each being buried into the closed loop a distance of at least 40% of a total circumference of the closed loop, the single rope of the closed loop having a length between 40.0 inches and 60.0 inches, the closed loop having a total circumference of between 20.0 inches and 30.0 inches;

the main body and the friction hitch each being comprised of UHMWPE.

(a) TITLE OF THE INVENTION

5

BRIDGE ROPE ASSEMBLY

(b) CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

10

(c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
DEVELOPMENT

Not Applicable

15 (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT

Not Applicable

(e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A
COMPACT DISC OR AS A TEXT FILE VIA THE OFFICE ELECTRONIC FILING
20 SYSTEM.

Not Applicable

(f) STATEMENT REGARDING PRIOR DISCLOSURES BY THE INVENTOR OR
JOINT INVENTOR

25 Not Applicable

(g) BACKGROUND OF THE INVENTION

(1) Field of the Invention.

30 The disclosure relates to harness rope structures and more particularly pertains to
a new harness rope structures for utilizing eye splices having fully buried rope ends which
extend completely into their mating counterparts a sufficient distance such that a double

layer of rope is created. It has been found that such a construction allows high strength materials that are otherwise susceptible to heat/friction damage, or are of such low friction that they do not typically retain a closed loop formation under stress, to be used safely for harness bridge ropes.

5

(2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.

10 The prior art relates to harness ropes which are generally conventional and utilize rope materials that are of inferior strength but which have a higher coefficient of friction and a higher weight to strength ratio.

(h) BRIEF SUMMARY OF THE INVENTION

15 An embodiment of the disclosure meets the needs presented above by generally comprising a main body including a rope that has a first end and a second end. The rope has a splice therein to form an eye loop in the main body. The eye loop is configured to engage a first bridge loop of a harness. The main body comprises a first portion including the first end and a second portion including the second end. The first portion extends
20 through the second portion of the main body such that the first end is positioned adjacent to the second end. A distance between the first and second ends is less than 2.0 inches.

There has thus been outlined, rather broadly, the more important features of the disclosure in order that the detailed description thereof that follows may be better
25 understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the disclosure that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the disclosure, along with the various features of novelty which
30 characterize the disclosure, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

(i) BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWING(S)

The disclosure will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

5

Figure 1 is a front view of a main body of a bridge rope assembly according to an embodiment of the disclosure.

10

Figure 2 is a front view of a closed loop of an embodiment of the disclosure.

Figure 3 is a front in-use view of an embodiment of the disclosure.

Figure 4 is a front in-use view of an embodiment of the disclosure.

15

Figure 5 is a side in-use view of an embodiment of the disclosure.

Figure 6 is a front view of a rope used in forming a main body of an embodiment of the disclosure.

20

Figure 7 is a front view of a step in forming the main body of an embodiment of the disclosure.

Figure 8 is a front view of a single rope used in forming a friction hitch of an embodiment of the disclosure

25

Figure 9 is a front view of a step in forming a continuous loop of an embodiment of the disclosure.

Figure 10 is a front view of the continuous loop of an embodiment of the disclosure

30

Figure 11 is a cross-sectional view taken along line 11-11 of Figure 10 of an embodiment of the disclosure.

(j) DETAILED DESCRIPTION OF THE INVENTION

With reference now to the drawings, and in particular to Figures 1 through 11 thereof, a new harness rope structure embodying the principles and concepts of an embodiment of the disclosure and generally designated by the reference numeral 10 will be described.

As best illustrated in Figures 1 through 11, the bridge rope assembly 10 generally includes a main body 12, as shown in Figures 1, 4, 6 and 7, comprising a rope 14 that has a first end 16 and a second end 18. The main body 12 has a splice 20 therein to form an eye loop 22 in the main body 12. The splice 20 may be a straight splice or a locked brummel splice. Each is well known in the art of rope manipulation within the harness arts. Generally, a locked brummel splice may be preferred as any buried tags (portions of rope extended within another portion of rope) cannot back themselves out as they are effectively “locked” in place with a knot. A downside of the locked brummel is the knot itself at the splice 20 which creates a bulge in the rope where the knot is formed. Buried tags that are the product of a straight splice are not locked in place and therefore can back themselves out when not under tension. However, a straight splice can be secured in place by stitching the resultant tag(s) in place once the tag is in a buried condition if desired. Generally, as it will be understood below, it is the splice 20 which creates one or two tags which is important.

The eye loop 22 is configured to engage a first bridge loop 24 of a harness 26 utilized to support a person 28 secured to a tree 30. After the formation of the eye loop, the main body 12 comprises a first portion 32 including the first end 16 and a second portion 34 including the second end 18. The first portion 32 is then extended through the second portion 34 of the main body 12 by threading the first end 16 into the second portion 34 adjacent to the eye loop 22. The first end 16 of a conventional buried tag, i.e. first portion 32, is typically retained within the second portion 34 in close proximity to

the eye loop 22. However, in the current disclosure, the eye loop 22 is positioned proximate a central area of the rope 14 such that the first end 16 can be extended adjacently to the second end 18, wherein the first 32 and second 34 portions each extend away from the eye loop 22. The first end 16 will typically remain within the second
5 portion 34 and will be located less than 2.0 inches from the second end 18.

The main body 12 includes a stop knot 36 in the second portion 34 adjacent to the second end 18 and therefore the stop knot 36 further includes the first portion 32 adjacent to the first end 16. The stop knot 36 may comprise, for example, a double fisherman's
10 knot.

The juncture of the first 16 and second 18 ends may be covered with a securing member or otherwise bonded together with known methods and/or mechanical structures. These may include mechanical stitching, staples, glue, friction/heat bonding and the like.
15 One type of securing member may comprise a heat shrink wrap sleeve having an interior coated with an adhesive to ensure a strong bond between the sleeve and the main body 12. The sleeve will extend in opposite directions away from a juncture of the first end 16 and the second portion 34 to ensure that that the first end 16 does not move relative to the second portion 34 and protects the juncture from damage, such as for example from
20 fraying. After the shrink wrap is heated and adhered to the second portion 34, the extra length of section portion 34 extending beyond the first end 16 may be removed such that the first 16 and second 18 ends are flush with each other.

The rope 14 may have a length from the first end 16 to the second end 18 between
25 72.0 inches and 126.0 inches. The main body 12 may further comprise a .25 inch braided rope though other rope diameters are contemplated with the width being typically less than 0.50 inches and generally at least 0.1875 inches. The second end 18 extends away from the eye loop 22 between 0.5 inches and 3.0 inches farther away than the first end 16 extends away from the eye loop 22, and more preferably less than 2.0 inches farther away.
30 It should be understood that the first end 16 may extend outwardly of the second portion

34 a short distance and either be trimmed back such that it is flush with or within 1.0 inches of the second end 18 and thereafter secured in place. The burying of the first portion 32 within the second portion 34 may be facilitated with conventional threading/splicing tools 35. Increased friction between the first 32 and second 34 portions due to the increased diameter of the second portion 34 prevents movement of the first 32 and second 34 portions relative to each other to minimize mechanical failure. The increased diameter of the second portion 34 will also result in increased friction between the main body 12 and a friction hitch positioned on the main body 12. This minimizes mechanical failure of the bridge rope assembly 10 during standardized drop testing.

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The main body 12 is comprised of a polyethylene, and in particular ultra high molecular weight polyethylene, typically known as UHMWPE. This material characteristically includes extremely long chains of polyethylene having 100,000 to 250,000 monomer units per molecule. Such material is available from numerous suppliers. One such material is sold under the trademark *Amsteel*. *Amsteel* is a trademark of Samson Rope Technologies, Inc. located at 2090 Thorton Street, Ferndale, WA. This material may be blended with other materials; however, the rope may consist solely of UHMWPE. UHMWPE, while extremely strong, has a very low coefficient of friction. Therefore the extension of the first portion 32 through the second portion 34 further resists the movement of the first portion 32 outwardly away from the second portion 34 while increasing a thickness of main body 12 such that it may be gripped easier.

20

In one embodiment, the main body 12 comprises a rope that is 95.0 inches long and is comprised of 0.25 inch diameter *Amsteel*. A splice 20 is created and a locked brummel used such that a 39.0 inch tag line (first portion 32) is formed which is buried into what will be an approximately 50.0 inch remainder (second portion 34) of the rope 14. The widening of the second portion 34 to accept the first portion 32 causes the second portion 34 to shorten in length which allows the first portion 32 to nearly extend through the second portion 34. Shrink wrap 40 is then applied over the second 34 portion at a juncture of the first end 16 and second portion 34. It is heated to form a bond with

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the second portion 34 and compresses the first 32 and second 34 portions together. After the shrink wrap is heated and adhered to the second portion 34, the extra length of the second portion 34 extending beyond the first end 16 may be removed such that the first 16 and second 18 ends are flush with each other. The stop knot 36 is formed in the main
5 body 12 adjacent to the shrink wrap 40 by way of a double fisherman's knot. The distance from the stop knot 36 to the eye loop 22 is approximately 31.0 inches.

A friction hitch 42, as shown particularly in Figures 2, 4, and 9-11, is positioned on the main body 12 between the stop knot 36 and the eye loop 22. The friction hitch 42
10 is formed in a conventional manner and is configured to engage a second bridge loop 44 of the harness 26. The friction hitch 42 comprises a closed loop 46. The closed loop 46 is comprised of a single rope 48 that is formed into a continuous splice using a conventional method except wherein a pair of ends (first end 50 and second end 52) of the single rope 48 are each buried into the closed loop 46 a distance of at least 40% of a
15 total circumference of the closed loop 46, more particularly between 40% and at least 50% of the total circumference, though, for reasons stated below, a distance of less than 50% may be preferred.

Using conventional methods, the closed loop 46 is formed at with a splice 54
20 drawn together by ends 50 and 52 being drawn through the splice 54. As with the main body 12, the splice 54 may be a locked brummel splice 54 or a straight splice with the same disadvantages as mentioned above except with two tag lines, as shown in Figure 9, instead of one. The first 50 and second 52 ends are then drawn through, or buried, in the continuous loop 46 with the first end 50 being positioned on one side of the locked
25 splices 54 and the second end 52 being positioned on the other side of the locked splices 54. The first 50 and second 52 ends are thereby extending toward each other within the closed loop 46. However, they will typically remain spaced apart a distance of between 1.0 and 4.0 inches to create a narrow area 56 in the continuous loop 46 having a diameter that is less than a remainder of the continuous loop 46. Thus, the ends 50, 52 are each
30 buried typically at least 40% and less than 50% of the total circumference of the

continuous loop leaving the narrow area 56 to include less than 100% and greater than 80% of the total circumference.

5 The single rope 48 of the closed loop 46 has a length between 40.0 inches and 60.0 inches and the closed loop 46 will typically have a total circumference of between 20.0 inches and 30.0 inches. The single rope 48 may further comprise a 3/16 inch braided rope, though other rope diameters are contemplated with the width being typically less than 0.50 inches and generally at least 0.125 inches. As with the main body 12, the friction hitch 42 is comprised of UHMWPE. By burying the first 50 and second 52 ends
10 of the single rope 48 through a majority of the closed loop 46, the closed loop 46 will resist damage caused by movement of the first 50 and second 52 ends within closed loop 46 while ensuring that the closed loop 46 remains intact.

15 In one specific example of the friction hitch 42, the single rope 48 is 47.0 inches long and is comprised of a 3/16 inch diameter of *Amsteel* rope, a type of braided rope comprised of UHMWPE. A brummel is formed 13.5" from a center point of the single rope 48 with tag ends of the single rope 48 each being buried to form a resultant closed loop 46 having a circumference from 22" to 24" depending on the stretch of the single rope 46 as it is formed into the closed loop 46. The narrow area 56 has a length being
20 equal to between 3.0 inches and 4.0 inches. The closed loop 46 is formed into the friction hitch using what is commonly referred to as a Prusik knot.

In use, the eye loop 22 of the main body 12 is engaged on the first bridge loop 24 of the harness 26. The friction hitch 42 is formed in a conventional manner on the main
25 body 12 and second bridge loop 44. The friction hitch 42 is positioned between the eye loop 22 and knot 36. The friction hitch 42 is conventional and can be selectively loosened and moved along the main body 12. However, the materials and structure of the main body 12 and friction hitch 42 will prevent failure and allow UHMWPE materials to be used in such a manner that they will pass standardized drop tests. The narrow portion
30 56 of the closed loop 46 will typically be engaged with the second bridge loop 44 and its

narrow diameter will assist in locking it in grooves in the second bridge loop 44 should such be provided.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of an embodiment enabled by the disclosure, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by an embodiment of the disclosure.

Therefore, the foregoing is considered as illustrative only of the principles of the disclosure. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the disclosure to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the disclosure. In this patent document, the word “comprising” is used in its non-limiting sense to mean that items following the word are included, but items not specifically mentioned are not excluded. A reference to an element by the indefinite article “a” does not exclude the possibility that more than one of the element is present, unless the context clearly requires that there be only one of the elements.

Electronic Patent Application Fee Transmittal

Application Number:

Filing Date:

Title of Invention:

Bridge Rope Assembly

First Named Inventor/Applicant Name:

Walter Ernest Power II

Filer:

Brendan Bennett Dix/Jason Wormstadt

Attorney Docket Number:

TETH108

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	75	75
UTILITY SEARCH FEE	2111	1	330	330
UTILITY EXAMINATION FEE	2311	1	380	380

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

46

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Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				785

Electronic Acknowledgement Receipt

EFS ID:	38227743
Application Number:	16736345
International Application Number:	
Confirmation Number:	1035
Title of Invention:	Bridge Rope Assembly
First Named Inventor/Applicant Name:	Walter Ernest Power II
Customer Number:	44088
Filer:	Brendan Bennett Dix/Jason Wormstadt
Filer Authorized By:	Brendan Bennett Dix
Attorney Docket Number:	TETH108
Receipt Date:	07-JAN-2020
Filing Date:	
Time Stamp:	15:50:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 785
RAM confirmation Number	E202017F52095752
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	TETH108ADS.pdf	1823304	no	9
			4163b7f074bc8ea82be849930855b9cb8316d7ea		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	TETH108IDS.pdf	1035417	no	5
			fef36edb43ced356da7f68c6acc44eb952df3fa2		
Warnings:					
Information:					
3		TETH108EFS.pdf	656372	yes	27
			73bd002f511a99cb0beccccc31d02ddbf6637570		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Drawings-only black and white line drawings		19	27	
	Power of Attorney		17	18	
	Oath or Declaration filed		14	16	
	Abstract		13	13	
	Claims		10	12	
	Specification		1	9	
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf 49	35281	no	2 Ex. 1002 Crüzr v. Tethrd
			889dc8e00991c308cafcd17965b310854b81df2e		

Warnings:	
Information:	
Total Files Size (in bytes):	3550374
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		
<small>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</small>			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Walter	Ernest	Power	II
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Jordan	State/Province	MN	Country of Residence
US				

Mailing Address of Inventor:

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Address 2				
City	Carver	State/Province	MN	
Postal Code	55315	Country	US	

Inventor 2 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Gregory	Alan	Godfrey	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Richmond Hill	State/Province	GA	Country of Residence
US				

Mailing Address of Inventor:

Address 1	50 Sunbury Drive			
Address 2				
City	Richmond Hill	State/Province	GA	
Postal Code	31324	Country	US	

Inventor 3 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Carl	Eugene	Kossuth	III
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		TETH108	
		Application Number			
Title of Invention		Bridge Rope Assembly			
City	Rolla	State/Province	MO	Country of Residence	US
Mailing Address of Inventor:					
Address 1		10470 Vineyard Drive			
Address 2					
City	Rolla	State/Province	MO		
Postal Code	65401	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
☐ An Address is being provided for the correspondence information of this application.			
Customer Number	44088		
Email Address		<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Bridge Rope Assembly		
Attorney Docket Number	TETH108	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)	
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.	

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Cruz v. Tethrd

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number			

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	<input type="text"/>	<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number
<input type="text"/>	<input type="text"/>	<input type="text"/>
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.		<input type="button" value="Add"/>

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			<input type="button" value="Add"/>

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

<p>This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.</p> <p>☐ NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.</p>	
--	--

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant	1	Remove
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p> <p style="text-align: right;">Clear</p>		
☒ Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
Name of the Deceased or Legally Incapacitated Inventor: <div style="border: 1px solid black; width: 450px; height: 20px;"></div>		
If the Applicant is an Organization check here. ☒		
Organization Name	Tethrd LLC	
Mailing Address Information For Applicant:		
Address 1	904 Ridgecrest Drive	
Address 2		
City	Carver	State/Province
Country	US	Postal Code
Phone Number		Fax Number
Email Address		
Additional Applicant Data may be generated within this form by selecting the Add button. Add		

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

Assignee	1		
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.			
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If the Assignee or Non-Applicant Assignee is an Organization check here. ☒			
Organization Name	Tethrd, LLC		
Mailing Address Information For Assignee including Non-Applicant Assignee:			
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Address 2			
City	Carver	State/Province	MN
Country i	US	Postal Code	55315
Phone Number		Fax Number	
Email Address			
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add			

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NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is **not** checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/seankaufhold/		Date (YYYY-MM-DD)	2019-12-30	
First Name	Sean A.	Last Name	Kaufhold	Registration Number	46820
Additional Signature may be generated within this form by selecting the Add button. Add					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TETH108
		Application Number	
Title of Invention	Bridge Rope Assembly		

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