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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	11/12/2019	10472827	Shrink_Wrap_Utility	5604
60033	7590	10/23/2019		
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131				

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Christopher M. Mouriz, Miami, FL;
STRUCTURAL WRAP, LLC, Miami, FL;
Spiro Naos, Miami, FL;
Larry J. Bond, Miami, FL;

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 USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

IR103 (Rev. 10/09)



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	10/11/2019		
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131			EXAMINER MAESTRI, PATRICK J	
			ART UNIT	PAPER NUMBER
			3638	
			NOTIFICATION DATE	DELIVERY MODE
			10/11/2019	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):

eofficeaction@appcoll.com
mark@terryfirm.com
yurie@terryfirm.com

Corrected Notice of Allowability	Application No. 16/294,554	Applicant(s) Mouriz et al.	
	Examiner PATRICK J MAESTRI	Art Unit 3638	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 12, 2019.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-5 and 8-11. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
 a) ☐ All b) ☐ Some *c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____ 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____	5. ☐ Examiner's Amendment/Comment 6. ☐ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____
---	--

/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638	
--	--



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16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	10/07/2019		
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131			EXAMINER MAESTRI, PATRICK J	
			ART UNIT	PAPER NUMBER
			3638	
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			10/07/2019	ELECTRONIC

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yurie@terryfirm.com

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	Examiner PATRICK J MAESTRI	Art Unit 3638	AIA (FITF) Status Yes

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1. ☒ This communication is responsive to August 12, 2019.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-13. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
 a) ☐ All b) ☐ Some *c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
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☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
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Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____. 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	5. ☐ Examiner's Amendment/Comment 6. ☐ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.
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/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638	
--	--

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

60033 7590 09/27/2019
MARK TERRY, ESQ.
801 BRICKELL AVE., SUITE 900
Miami, FL 33131

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604

TITLE OF INVENTION: METHOD FOR COVERING ROOF WITH SHRINK WRAP

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$500	\$0.00	\$0.00	\$500	12/27/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
MAESTRI, PATRICK J	3638	052-408000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Mark Terry
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

STRUCTURAL WRAP, LLC

Miami, FL

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Mark Terry/ Date 09/30/2019
Typed or printed name Mark Terry Registration No. 47133

Electronic Patent Application Fee Transmittal				
Application Number:		16294554		
Filing Date:		06-Mar-2019		
Title of Invention:		METHOD FOR COVERING ROOF WITH SHRINK WRAP		
First Named Inventor/Applicant Name:		Christopher M. Mouriz		
Filer:		Mark Peter Terry		
Attorney Docket Number:		Shrink_Wrap_Utility		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	500	500

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				500

Electronic Acknowledgement Receipt	
EFS ID:	37312290
Application Number:	16294554
International Application Number:	
Confirmation Number:	5604
Title of Invention:	METHOD FOR COVERING ROOF WITH SHRINK WRAP
First Named Inventor/Applicant Name:	Christopher M. Mouriz
Customer Number:	60033
Filer:	Mark Peter Terry
Filer Authorized By:	
Attorney Docket Number:	Shrink_Wrap_Utility
Receipt Date:	30-SEP-2019
Filing Date:	06-MAR-2019
Time Stamp:	10:48:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$500
RAM confirmation Number	E20199TA49575437
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	Issue Fee Payment (PTO-85B)	16294554-NOA-Final.pdf	145353	no	1
			c76696d97b34373012078c6c19d34107cc53362a		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30228	no	2
			3ead09a08229f6e5e46622c28c44ca379a4fb935		
Warnings:					
Information:					
Total Files Size (in bytes):			175581		
<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>New Applications Under 35 U.S.C. 111 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>National Stage of an International Application under 35 U.S.C. 371 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>New International Application Filed with the USPTO as a Receiving Office 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>					



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UNITED STATES DEPARTMENT OF COMMERCE
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www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

60033 7590 09/27/2019
MARK TERRY, ESQ.
801 BRICKELL AVE., SUITE 900
Miami, FL 33131

EXAMINER

MAESTRI, PATRICK J

ART UNIT PAPER NUMBER

3638

DATE MAILED: 09/27/2019

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604

TITLE OF INVENTION: METHOD FOR COVERING ROOF WITH SHRINK WRAP

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$500	\$0.00	\$0.00	\$500	12/27/2019

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

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Commissioner for Patents
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By fax, send to: (571)-273-2885

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(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604

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EXAMINER	ART UNIT	CLASS-SUBCLASS
MAESTRI, PATRICK J	3638	052-408000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

- ☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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- ☐ Applicant changing to regular undiscounted fee status.

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NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	09/27/2019	EXAMINER	
MARK TERRY, ESQ.			MAESTRI, PATRICK J	
801 BRICKELL AVE., SUITE 900			ART UNIT	PAPER NUMBER
Miami, FL 33131			3638	

DATE MAILED: 09/27/2019

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. 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 30 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, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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.

Notice of Allowability	Application No. 16/294,554	Applicant(s) Mouriz et al.	
	Examiner PATRICK J MAESTRI	Art Unit 3638	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 12, 2019.
☒ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on August 12, 2019.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

3. ☐ The allowed claim(s) is/are _____. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some *c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)	5. ☒ Examiner's Amendment/Comment
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Mark Terry on September 16, 2019.

The application has been amended as follows:

Cancel claims 6, 7, 12, and 13.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: The prior art of record does not teach all the steps of cutting and fastening and their specific characteristics as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PATRICK J MAESTRI whose telephone number is (571)270-7859. The examiner can normally be reached on M-Th 8-4.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Fox can be reached on 571-272-6923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

Application/Control Number: 16/294,554
Art Unit: 3638

Page 4

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PATRICK J MAESTRI/
Primary Examiner, Art Unit 3638

Search Notes 	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.
	Examiner PATRICK J MAESTRI	Art Unit 3638

CPC - Searched*		
Symbol	Date	Examiner
E04D5/146, E04D5/142, E04D15/04, E04D5/06, E04D2015/042	05/02/2019	PJM

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
East text, classification, inventor name	05/02/2019	PJM

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
USPAT	See attached	09/16/2019	PJM

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Issue Classification 	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.
	Examiner PATRICK J MAESTRI	Art Unit 3638

CPC						
Symbol					Type	Version
E04D	/	5	/	146	F	2013-01-01
E04D	/	5	/	06	I	2013-01-01
E04D	/	15	/	04	I	2013-01-01
E04D	/	5	/	142	I	2013-01-01
E04D	/	2015	/	042	A	2013-01-01

CPC Combination Sets						
Symbol			Type	Set	Ranking	Version
	/	/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	9	
/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638	16 September 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20190916

Issue Classification 	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.
	Examiner PATRICK J MAESTRI	Art Unit 3638

INTERNATIONAL CLASSIFICATION			
CLAIMED			
E04D	/	5	/ 14
NON-CLAIMED			
	/		/

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	9	
/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638	16 September 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20190916

Issue Classification 	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.
	Examiner PATRICK J MAESTRI	Art Unit 3638

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	8	10												
2	2	9	11												
3	3		12												
4	4		13												
5	5		14												
	6		15												
	7		16												
6	8		17												
7	9														

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 9	
/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638 (Primary Examiner) _____ (Date) 16 September 2019		O.G. Print Claim(s) 1	O.G. Print Figure 1

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1514	(E04D5/146 or E04D5/142 or E04D15/04 or E04D5/06 or E04D2015/042).cpc.	US-PGPUB; USPAT; DERWENT	OR	OFF	2019/05/01 09:30
S2	1	(11/424040).APP.	USPAT; USOCR	OR	OFF	2019/05/01 10:42
S3	30	("1284997" "20020170254" "20030024174" "20030145546" "20040172899" "20060174552" "2099093" "3992842" "4227356" "4452848" "4475765" "4483117" "4587164" "4783942" "5218793" "5253461" "5309685" "5469671" "5584153" "5640825" "5916093" "5988074" "6393797" "6490834" "6931813" "6981349" "7178306" "7299599").PN. OR ("7793478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 10:43
S4	1	(11/424040).APP.	USPAT; USOCR	OR	OFF	2019/05/01 13:42
S5	47	roof same tarp same secure	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 13:49
S6	0	(11/435928).APP.	USPAT; USOCR	OR	OFF	2019/05/01 13:52
S7	21	("20020007924" "20020095898" "20050217202" "20060010815" "20060150537" "20060185706" "20090013610" "20100083587" "4455790" "4682447" "5388311" "5983572" "6474022" "6966152" "7299588" "7392620" "8777516" "8984815" "9021749" "9327147" "9797154").PN. OR ("10246889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 13:52

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(draping same cutting same construction same material).clm.	USPAT	OR	OFF	2019/09/16 10:56

9/16/2019 10:56:32 AM

C:\Users\pmaestri\Documents\EAST\Workspaces\16294554.wsp



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Alexandria, Virginia 22313-1450
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BIB DATA SHEET

CONFIRMATION NO. 5604

SERIAL NUMBER 16/294,554	FILING or 371(c) DATE 03/06/2019 RULE	CLASS 052	GROUP ART UNIT 3638	ATTORNEY DOCKET NO. Shrink_Wrap_Utility		
APPLICANTS STRUCTURAL WRAP, LLC, Miami, FL; INVENTORS Christopher M. Mouriz, Miami, FL; Spiro Naos, Miami, FL; Larry J. Bond, Miami, FL; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED *** SMALL ENTITY ** 03/21/2019						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /PATRICK J MAESTRI/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY FL	SHEETS DRAWINGS 7	TOTAL CLAIMS 17	INDEPENDENT CLAIMS 3
ADDRESS MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131 UNITED STATES						
TITLE METHOD FOR COVERING ROOF WITH SHRINK WRAP						
FILING FEE RECEIVED 785	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees			
			☐ 1.16 Fees (Filing)			
			☐ 1.17 Fees (Processing Ext. of time)			
			☐ 1.18 Fees (Issue)			
			☐ Other _____			
				☐ Credit		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christopher Mouriz	:	Customer Number: 60033
	:	
Attorney Docket: Shrink_Wrap_Utility	:	Confirmation No.: 5604
	:	
Application No. 16294554	:	Group Art Unit: 3638
	:	
Filed: 3-6-19	:	Examiner: Maestri, Patrick

Title: METHOD FOR COVERING ROOF WITH SHRINK WRAP

DECLARATION OF CHRISTOPHER MOURIZ UNDER 37 C.F.R. § 1.132

BE IT ACKNOWLEDGED, that Christopher Mouriz, the undersigned declarant, being of legal age, does hereby declare and certify as follows:

1. I have personal knowledge of the facts stated herein and I am competent to testify to these matters.
2. I am a named co-inventor for this patent application, and I am a Member of the assignee, Structural Wrap, LLC.
3. I am a practicing general contractor and I received a B.S. in Construction Management from Florida International University of Miami, FL.
4. I am a licensed general contractor with the State of Florida with extensive knowledge in planning, developing, supervising and coordinating construction projects and maintenance of structures and facilities in a safe environment.
5. I have at least 20 years of professional experience as a contractor and a worker in the areas of general contracting, structural waterproofing and structural maintenance, among other things.
6. I conducted an analysis of our U.S. Application No. 16294554, as well as the following cited prior art reference: Lennox et al., U.S. Patent No. 9,822,536 (Lennox), and WikiHow (<https://www.wikihow.com/Tarp-a-Roof>)(Wiki).
7. Our amended claim 1 recites attaching the construction material that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof. The claim language above recites attaching the construction material to a specific component of a roof, namely, the vertical, outward facing facias of the eaves of the roof.
8. In my academic experience and my experience as a general contractor, it is not well known by persons of ordinary skill in the field of structural waterproofing and

maintenance that the component of the roof to which a waterproofing membrane is attached is a variable that can be varied to obtain desired results, namely, better waterproofing. Specifically, the roof component to which a waterproofing membrane is attached is not recognized as a particular parameter that can be experimented with, in order to increase or optimize the waterproofing process in a structural waterproofing system. Nowhere in the academic literature or in the prior art is there any mention of testing or varying the roof component to which a waterproofing membrane is attached in order to increase waterproofing in a structural waterproofing system.

9. The fact that the waterproofing membrane is attached to the specific roof component recited above (i.e., the recited vertical, outward-facing fascia of the eaves of the roof) is significant because it is the result of over 18 months of testing in the field of the claimed invention to find the correct roof component to which the roof membrane should be attached, in order to maximize and achieve the desired waterproofing characteristics. Depending on certain environmental conditions, such as rain, wind, humidity and heat, the environmental water and humidity can creep in behind a roof membrane. We discovered during testing of the claimed invention that the roof component to which the roof membrane is attached can affect how and whether environmental water and humidity can seep in behind the roof membrane. Attaching the roof membrane to the recited vertical, outward-facing fascia of the eaves of the roof is significant because it reduces or eliminates the amount of environmental water and humidity that can seep in behind the roof membrane, which results in better waterproofing characteristics the purpose of the claimed invention. The next figure (from Applicants specification) illustrates the location of the recited vertical, outward-facing fascia of the eaves of the roof (indicated by arrow).

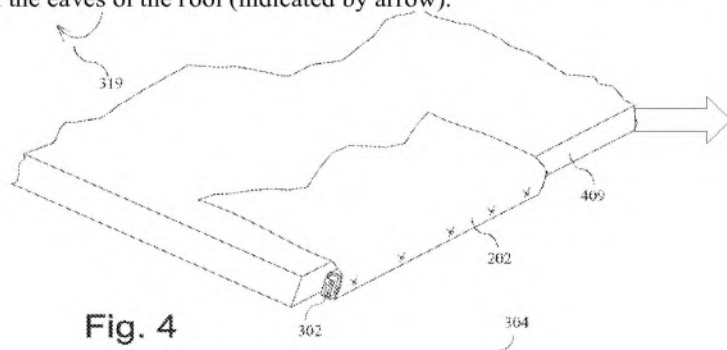


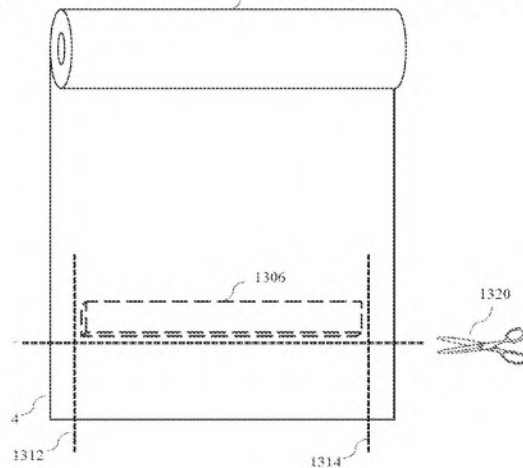
Fig. 4

10. Our amended claim 1 recites cutting the end of the strip as follows: 1) a horizontal cut below a position of the construction material, 2) a vertical cut to the left of the construction material, and 3) a vertical cut to the right of the construction material, such that the resulting shape of the end of the strip is substantially commensurate with the construction material. The claim language above recites cutting the end of the strip in a specific way and in a specific shape.

11. In my academic experience and my experience as a general contractor, it is not well known by persons of ordinary skill in the field of structural waterproofing and

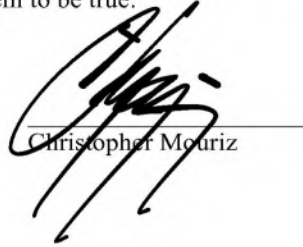
maintenance that either the way in which you cut the end of a strip of waterproofing membrane, or the shape in which you cut the end of the strip, are variables that can be varied to obtain desired results, namely, better waterproofing. Specifically, neither the way in which you cut the end of a strip of waterproofing membrane, nor the shape in which you cut the end of the trip, are recognized as a particular parameter that can be experimented with, in order to increase or optimize the waterproofing process in a structural waterproofing system. Nowhere in the academic literature or in the prior art is there any mention of testing or varying either the way in which you cut the end of a strip of waterproofing membrane, or the shape in which you cut the end of the strip, in order to increase waterproofing in a structural waterproofing system.

12. The fact that we cut the end of a strip of waterproofing membrane, or shape the end of the strip, in a particular way (as recited in claim 1) is significant because it is the result of over 18 months of testing in the field of the claimed invention to find the correct cutting scheme or shape for the end of the strip of waterproofing membrane, in order to maximize and achieve the desired waterproofing characteristics. Depending on certain environmental conditions, such as rain, wind, humidity and heat, the environmental water and humidity can creep in behind a roof membrane. We discovered during testing of the claimed invention that the way in which we cut the end of a strip of waterproofing membrane, or shape the end of the strip, can affect how and whether environmental water and humidity can seep in behind the roof membrane. The fact that we cut the end of a strip of waterproofing membrane, or shape the end of the strip, in a particular way (as recited in claim 1) is significant because it reduces or eliminates the amount of environmental water and humidity that can seep in behind the roof membrane, which results in better waterproofing characteristics the purpose of the claimed invention. The next figure (from Applicants specification) illustrates the way in which the we cut the end of a strip of waterproofing membrane, or shape the end of the strip.



13. Pursuant to 28 U.S.C. §1746, I declare under penalty of perjury that the foregoing statements and information are true and correct, except as to statements made upon information and belief, and as to those, I believe them to be true.

Executed this 7th day of August 2019.



Christopher Mouriz

Electronic Acknowledgement Receipt	
EFS ID:	36853256
Application Number:	16294554
International Application Number:	
Confirmation Number:	5604
Title of Invention:	METHOD FOR COVERING ROOF WITH SHRINK WRAP
First Named Inventor/Applicant Name:	Christopher M. Mouriz
Customer Number:	60033
Filer:	Mark Peter Terry
Filer Authorized By:	
Attorney Docket Number:	Shrink_Wrap_Utility
Receipt Date:	12-AUG-2019
Filing Date:	06-MAR-2019
Time Stamp:	20:56:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	Amendment-16294554-final. pdf	205671 d1baf6dc9a673a8471eb6d8071e9aa62a5f142b2	no	17
Warnings:					

Information:					
2	Affidavit-traversing rejectns or objectns rule 132	Affidavit-16294554-Mouriz-v1. pdf	171719	no	4
			6fffcfu0630ddc2b54be64f0c16ac247065c2 708		
Warnings:					
Information:					
Total Files Size (in bytes):			377390		
<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>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christopher Mouriz	:	Customer Number: 60033
	:	
Attorney Docket: Shrink_Wrap_Utility	:	Confirmation No.: 5604
	:	
Application No. 16294554	:	Group Art Unit: 3638
	:	
Filed: 3-6-19	:	Examiner: Maestri, Patrick

Title: METHOD FOR COVERING ROOF WITH SHRINK WRAP

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

In response to the Office Action dated as mailed on 5-10-2019, please enter the following amendment and consider the following remarks.

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A method for covering a roof with an impermeable membrane, comprising:
 - a) draping a strip of the impermeable membrane over the roof, wherein an end of the strip overhangs ~~the~~ a vertical, outward-facing fascia of the eaves of the roof, and wherein the strip has a specified width;
 - b) placing a rigid, elongated piece of construction material in a horizontal position under the end of the strip that overhangs the vertical, outward-facing fascia of the eaves of the roof, such that the construction material is placed below the vertical, outward-facing fascia of the eaves of the roof, wherein the construction material is a plank having a length less than the width of the strip;
 - c) cutting the end of the strip such ~~that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material as~~ follows: 1) a horizontal cut below a position of the construction material, 2) a vertical cut to the left of the construction material, and 3) a vertical cut to the right of the construction material, such that the resulting shape of the end of the strip is substantially commensurate with the construction material;
 - d) fastening the construction material to the end of the strip using a plurality of staples ~~first fasteners~~;
 - e) rolling the construction material at least ~~one full turn~~ two full turns in the end of the strip ~~that overhangs the eaves of the roof, such that the construction material is at a~~ height of the vertical, outward-facing fascia of the eaves of the roof;

f) attaching the construction material that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof using a plurality of nails or screws ~~second fasteners~~; and

g) repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

2. (Original) The method of claim 1, further comprising:

h) overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof.

3. (Original) The method of claim 2, further comprising:

i) applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip, and applying heat using said heat source to the entire impermeable membrane, so as to shrink the entire impermeable membrane.

4. (Original) The method of claim 3, further comprising:

j) placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof.

5. (Original) The method of claim 4, wherein the rigid, elongated piece of construction material comprises a wood plank.

6. (Original) The method of claim 5, wherein the first fasteners comprise staples.
7. (Original) The method of claim 6, wherein the second fasteners comprise nails.

8. (Currently amended) A method for covering a roof with an impermeable membrane, comprising:
- a) draping a strip of the impermeable membrane over the roof, wherein an end of the strip overhangs ~~the~~ a vertical, outward-facing fascia of the eaves of the roof, and wherein the strip has a specified width;
 - b) placing a wood plank in a horizontal position under the end of the strip that overhangs the vertical, outward-facing fascia of the eaves of the roof, such that the wood plank is placed below the vertical, outward-facing fascia of the eaves of the roof, wherein the wood plank has a length less than the width of the strip;
 - c) cutting the end of the strip such ~~that it is coextensive with a length of the wood plank and cutting the end of the strip below the wood plank as follows:~~ 1) a horizontal cut below a position of the wood plank, 2) a vertical cut to the left of the wood plank, and 3) a vertical cut to the right of the wood plank, such that the resulting shape of the end of the strip is substantially commensurate with the wood plank;
 - d) fastening the wood plank to the end of the strip using a plurality of staples ~~first fasteners;~~
 - e) rolling the wood plank at least three full turns in the end of the strip ~~that overhangs the eaves of the roof~~, such that the wood plank is at a height of the vertical, outward-facing fascia of the eaves of the roof;
 - f) attaching the wood plank that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof using a plurality of second fasteners; and
 - g) repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

9. (Original) The method of claim 8, further comprising:
 - h) overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof.
10. (Original) The method of claim 9, further comprising:
 - i) applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip.
11. (Original) The method of claim 10, further comprising:
 - j) placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof.
12. (Original) The method of claim 11, wherein the first fasteners comprise staples.
13. (Original) The method of claim 12, wherein the second fasteners comprise nails.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

REMARKS

Applicant hereby submits this Amendment under 37 C.F.R. § 1.111. After this Amendment, claims 1-13 are pending. Claims 1 and 8 have been amended. Claims 14-17 have been cancelled. No new claims have been added and no new matter has been added.

Support for Amendments to the Claims

In this response, Applicant has amended the claims to include the claim element “a vertical, outward-facing fascia of the eaves of the roof”. Support for this claim element can be found in Applicant’s specification at figures FIGs. 4-5 and 10-11. Also, Applicant has amended the claims to include the claim element “wherein the strip has a specified width”. Support for this claim element can be found in Applicant’s specification at paragraph 29. Additionally, Applicant has amended the claims to include the claim element “wherein the construction material is a plank having a length less than the width of the strip”. Support for this claim element can be found in Applicant’s specification at Figs. 3-5 and 9-11. Further, Applicant has amended the claims to include the claim element “1) a horizontal cut below a position of the construction material, 2) a vertical cut to the left of the construction material, and 3) a vertical cut to the right of the construction material, such that the resulting shape of the end of the strip is substantially commensurate with the construction material”. Support for this claim element can be found in Applicant’s specification at paragraph 44 and Fig. 13.

35 U.S.C. 112 Rejection

In the Office Action, the Patent Office rejected claims 1-17 under 35 U.S.C. 112 for being indefinite. The Office Action states that regarding claims 1, 8 and 14, it is unclear how the end of the strip can be cut twice. Applicant is herewith amending claims 1 and 8 to correct the unclear language listed by the Patent Office above. Claims 14 has been cancelled. Therefore, the rejection of claims 1-13 has been traversed.

35 U.S.C. 103 Rejection

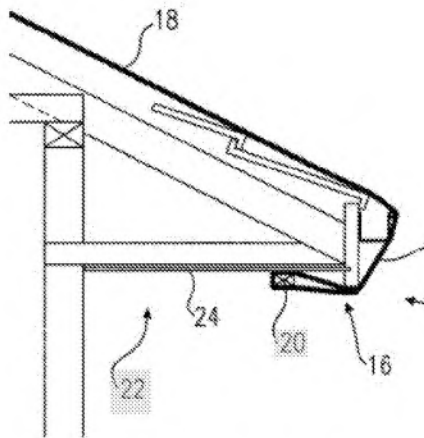
In the Office Action, the Patent Office rejected independent claims 1, 8 and 14 under 35 U.S.C. 103 as being unpatentable over the cited prior art references: Lennox et al., U.S. Patent No. 9,822,536 (“Lennox”), and WikiHow (<https://www.wikihow.com/Tarp-a-Roof>) (“Wiki”). Applicant disagrees with this rejection and provides its arguments herein.

I. Claim Element: A vertical, outward-facing fascia of the eaves of the roof

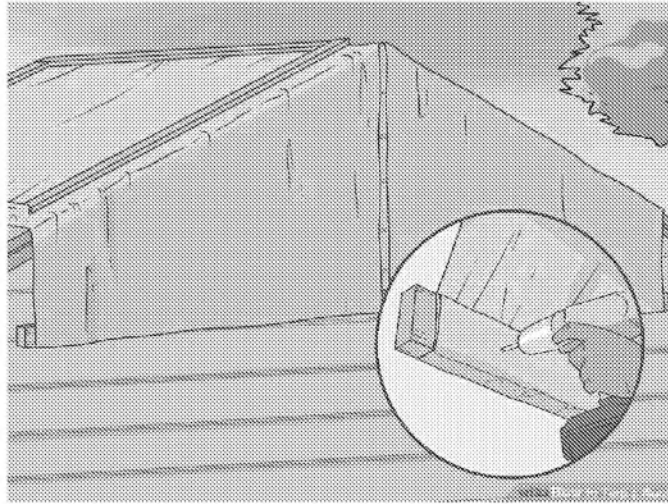
Applicant has amended independent claims 1 and 8 to include the claim element “a vertical, outward-facing fascia of the eaves of the roof”. Specifically, the claim element “attaching the construction material that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof.” Support for this claim element can be found in Applicant’s specification at figures FIGs. 4-5 and 10-11.

Neither Lennox nor Wiki discloses attaching the construction material that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof, as claimed by Applicant.

Lennox discloses attaching the construction material 20 to the underside of the eaves of the roof, i.e., the horizontal, downward-facing element of the eaves of the roof. See FIG. 2 of Lennox below, which shows Lennox attaching the construction material 20 to the underside of the eaves of the roof.



Wiki discloses attaching the construction material to the side of the home, i.e., the horizontal, outward-facing walls of the building. See a figure of Wiki below, which shows Wiki attaching the walls of the home.



Consequently, neither Lennox nor Wiki discloses attaching the construction material that was rolled in the end of the strip to the vertical, outward-facing fascia of the eaves of the roof, as claimed by Applicant.

2. Routine Skill in the Art

One may argue that it would have been obvious to modify how the impermeable membrane is attached to a building since it has been held that discovering an optimum value of a result effective variable involves only routine skill in the art. *In re Boesch*, 617 F.2d 272, 205 USPQ 215 (CCPA 1980).” This conclusion is faulty for the following reasons.

In re Boesch holds that the prior art must suggest a result effective variable. See MPEP 2144.05 II(B); *See also, In re Boesch*, 617 F.2d 272, 205 USPQ 215 (CCPA 1980) (prior art suggested proportional balancing to achieve desired results in the formation of an alloy). Specifically, a particular parameter must first be recognized as a

result-effective variable, i.e., a variable which achieves a recognized result, before the determination of the optimum or workable ranges of said variable might be characterized as routine experimentation. *In re Antonie*, 559 F.2d 618, 195 USPQ 6 (CCPA 1977). *See also*, MPEP 2144.05 II(B).

But the Office Action provides no evidence that the prior art suggests that the component of the roof to which a waterproofing membrane is attached is a result effective variable. The Office Action does not refer to any language in the cited art, any academic article, any textbook or other authority or prior art reference to support the conclusion that the component of the roof to which a waterproofing membrane is attached is recognized as a result effective variable.

The cited art does not say anything about the varying the component of the roof to which a waterproofing membrane is attached. For this reason, we conclude it couldn't have been obvious to have modified the component of the roof to which a waterproofing membrane is attached because that concept was not recognized as a result effective variable.

Furthermore, the 2012 Patent Trial and Appeal Board decision of *Ex parte Collison* (Appeal 2010-002734, in application serial no. 11/284,178, decision issued February 29, 2012) holds that the cited prior art is required to evidence that the variable at issue was recognized to be a result-effective variable for the claimed purpose. The claim at issue in *Ex parte Collison* described a floor structure made of a wood laminate that included "a single polyethylene layer vapor barrier having a thickness of between 0.5 to about 1.0 mil." The Examiner cited several references in an obviousness rejection, which disclose: "a weakness of laminate flooring is moisture resistance and high sound transmission due to foot traffic;" a rubber buffering sheet used in wood flooring;

“rubber and polyethylene are equivalent materials known in the vapor barrier art,” and examples of “polyethylene foam or rubber foam having a thickness of [59 to about 275 mils]” that provides “improved soundproofing and excellent waterproofing.” The Examiner agreed that the cited references fail to disclose a “vapor barrier having a thickness of between 0.5 to about 1.0 mil.” The Examiner reasoned that it would have been obvious to modify the prior art vapor barrier to have a thickness inside the claimed range because discovering the optimum or workable ranges involves only routing skill in the art.

The Board reversed the Examiner’s obviousness rejection. The Board stated “the Examiner **has not established** that a polyethylene layer having a thickness between about 0.5 to about 1.0 mil **was recognized to be a result-effective variable** as a vapor barrier” (emphasis added). While the prior art taught a polyethylene foam layer that provides improved soundproofing and excellent waterproofing (as noted above), the prior art reference only disclosed that the polyethylene foam layer was tested for soundproofing, and not for their properties as a vapor barrier. The Board concluded that the prior art does not disclose a minimum dimension of thickness for the [polyethylene foam layer] that is sufficient to perform both soundproofing and waterproofing, or reasoning for significantly lowering thickness of the [polyethylene foam layer] to about 1 mil.

In our case, there is no evidence of record that the component of the roof to which a waterproofing membrane is attached is recognized as a result effective variable. Therefore, it couldn’t have been obvious to have modified the component of the roof to which a waterproofing membrane is attached because that concept was not recognized as a result effective variable.

3. 37 C.F.R. §1.132 Affidavit

Additionally, it is instructive to review documentary evidence from a person of ordinary skill in the art in the field of structural waterproofing and maintenance. The Applicant hereby provides said documentary evidence in the form of a 37 C.F.R. §1.132 affidavit to be considered by the Patent Office. As provided for in MPEP section 716.01(a): “Affidavits or declarations, when timely presented, containing evidence of criticality or unexpected results, ... must be considered by the examiner in determining the issue of obviousness of claims for patentability under 35 U.S.C. 103.” Applicant hereby provides a 37 C.F.R. §1.132 affidavit from a licensed general contractor (Christopher Mouriz) in the general contracting industry who not only holds a degree in Construction Management from Florida International University but also has over 20 years of field and management experience in the general contracting industry.

Mr. Mouriz’s affidavit supports the idea that it is not well known by persons of ordinary skill in the field of structural waterproofing and maintenance that the component of the roof to which a waterproofing membrane is attached is a variable that can be varied to obtain desired results. See paragraph 8 of Mouriz Affidavit. Nowhere in the academic literature or in the prior art is there any mention of testing or varying the component of the roof to which a waterproofing membrane is attached in order to increase waterproofing characteristics. *Id.*

Again, the evidence above proves that there is no indication that the component of the roof to which a waterproofing membrane is attached is recognized as a result effective variable. Therefore, it couldn’t have been obvious to have modified the component of the roof to which a waterproofing membrane is attached because that concept was not recognized as a result effective variable. Therefore, the rejection of

claims under 35 U.S.C. 103 fails.

4. *Significance of Fascia*

Mr. Mouriz's Affidavit supports the idea that the component of the roof to which the waterproofing membrane is attached, which is recited in the claims, is significant because it is the result of over 18 months of testing in the field of the claimed invention to find the correct roof component to which the roof membrane should be attached, in order to maximize and achieve the desired waterproofing characteristics. *See* paragraph 9 of Affidavit. Depending on certain environmental conditions, such as rain, wind, humidity and heat, the environmental water and humidity can creep in behind a roof membrane. Applicant discovered during testing of the claimed invention that the roof component to which the roof membrane is attached can affect how and whether environmental water and humidity can seep in behind the roof membrane. *Id.* Attaching the roof membrane to the recited "vertical, outward-facing fascia of the eaves of the roof" is significant because it reduces or eliminates the amount of environmental water and humidity that can seep in behind the roof membrane, which results in better waterproofing characteristics – the purpose of the claimed invention. *Id.*

The evidence above proves that the component of the roof to which the waterproofing membrane is attached is significant. Therefore, it couldn't have been obvious to modify the component of the roof to which the waterproofing membrane is attached taught by the cited art because there is persuasive evidence that the particular component of the roof is significant. Therefore, the rejection of the claims under 35 U.S.C. 103 fails.

5. *Particular Method of Cutting End of Strip*

Applicant has also amended independent claims 1 and 8 to include the claim element “cutting the end of the strip as follows: 1) a horizontal cut below a position of the construction material, 2) a vertical cut to the left of the construction material, and 3) a vertical cut to the right of the construction material, such that the resulting shape of the end of the strip is substantially commensurate with the construction material”. Support for this claim element can be found in Applicant’s specification at paragraph 44 and Fig. 13.

Neither Lennox nor Wiki discloses cutting the end of the strip as claimed by Applicant. Lennox discloses solely cutting the film to one or more lengths sufficient to extend from one edge of the roof to an opposite edge. *See* Lennox at col. 6 lines 21-24. Lennox discloses no other method of cutting the ends of the strip. Wiki does not disclose cutting the ends of the strip in any form at all. Therefore, neither Lennox nor Wiki discloses cutting the end of the strip as claimed by Applicant in amended independent claims 1 and 8.

Also, Mr. Mouriz’s Affidavit supports the idea that cutting the end of the strip as claimed by Applicant in amended independent claims 1 and 8, is significant because it is the result of over 18 months of testing in the field of the claimed invention to find the correct cutting scheme or shape for the end of the strip of waterproofing membrane, in order to maximize and achieve the desired waterproofing characteristics. *See* Mouriz Affidavit at paragraph 12. Depending on certain environmental conditions, such as rain, wind, humidity and heat, the environmental water and humidity can creep in behind a roof membrane. *Id.* Applicant discovered during testing of the claimed invention that the way in which we cut the end of a strip of waterproofing membrane, or shape the end

of the strip, can affect how and whether environmental water and humidity can seep in behind the roof membrane. *Id.* The fact that we cut the end of a strip of waterproofing membrane, or shape the end of the strip, in a particular way (as recited in claim 1) is significant because it reduces or eliminates the amount of environmental water and humidity that can seep in behind the roof membrane, which results in better waterproofing characteristics – the purpose of the claimed invention. *Id.*

CONCLUSION

Based on the pending claims and Remarks provided herein, all pending claims are believed to be allowable and the application to be in condition for allowance. However, Applicants request the Examiner call the undersigned if it is believed that a telephonic interview would expedite the prosecution of the present application to an allowance.

By: /Mark Terry/
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786-443-7720 (voice)
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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 16/294,554		Filing Date 03/06/2019		☐ To be Mailed	
Substitute for Form PTO-875									
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
FOR		(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*	x \$50 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*	x \$230 =					
☐ 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).							
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL					
APPLICATION AS AMENDED - PART II									
AMENDMENT	08/12/2019	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(o))	* 13	Minus	** 20	= 0	x \$50 =		0	
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0	x \$230 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
					TOTAL ADD'L FEE		0		
AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(o))	*	Minus	**	=	x \$0 =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =			
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
					TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/BURNELL L ROSS/				
*** 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 number found in the appropriate box in column 1.									

This collection of information is required by 37 CFR 1.16. 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 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: 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.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	05/29/2019		
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131			EXAMINER MAESTRI, PATRICK J	
			ART UNIT	PAPER NUMBER
			3638	
			NOTIFICATION DATE	DELIVERY MODE
			05/29/2019	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):

eofficeaction@appcoll.com
mark@terryfirm.com
yurie@terryfirm.com

<i>Applicant-Initiated Interview Summary</i>	Application No. 16/294,554	Applicant(s) Mouriz et al.	
	Examiner PATRICK J MAESTRI	Art Unit 3638	AIA (FITF) Status Yes

All participants (applicant, applicants representative, PTO personnel):

(1) PATRICK J. MAESTRI. (3) ____.

(2) Mark Terry. (4) ____.

Date of Interview: 23 May 2019.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
If Yes, brief description: ____.

Issues Discussed ☐101 ☒112 ☐102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1,7 and 14.

Identification of prior art discussed: Wiki (website), Lennox (9822536).

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

It was discussed that arguments as to how the cuts are made (to length and width) would be sufficient to overcome the 112 issues.

Differences between the references and the instant application were discussed. The Examiner indicated that clarification as to where the membrane is fastened could possibly define over the Lennox reference. The Examiner noted that it appears the instant application fastens the membrane and construction material to the fascia.

It was discussed submitting an Affidavit to indicate the criticality of having certain size (dimensions) construction material for fastening the membranes as well as the particular cutting method that allows for a specific fit when installed..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☒ Attachment

/PATRICK J MAESTRI/ Primary Examiner, Art Unit 3638	
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,-
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

DO NOT ENTER: /P.J.M/

From: Mark Terry
To: Maestri, Patrick J.
Cc: Yurie Shimabukuro
Subject: RE: Interview for 16/294554
Date: Tuesday, May 21, 2019 10:20:41 PM

Mr. Maestri,

Thank you for contacting me. Please see my agenda below. Thank you.

112 Rejection: In response to the question about cutting the roll twice, please see FIG. 13.

103 Rejection:

Wiki:

- Reference uses a tarp, not a shrink wrap
- Reference nails into the roof (see steps 3-4), which damages the roof and won't work on barrel roof tiles. Applicant avoids this.
- Reference places boards on top of roof, which is a hazard and reduces life of membrane. Applicant avoids this.
- Reference does not disclose stapling wrap to plank. Applicant recites this.
- Reference attaches boards below eaves, which is not recommended because it can damage walls. Applicant avoids this by attaching at the eaves.
- Reference damages roof and is a 30-day maximum solution. Applicant's solution lasts at least one year.

Lennox:

- Reference attaches boards under eaves, which is not recommended because it can damage walls. Applicant avoids this by attaching at the eaves.
- Reference does not disclose stapling wrap to plank. Applicant recites this.
- Reference places boards on top of roof, which is a hazard and reduces life of membrane. Applicant avoids this.

Possible Addition of Limitations to Claims

- Size of the planks, such as 1x2x8 inches
- The cuts in the membrane shown in FIG. 13.

Mark Terry

Reg'd Patent Attorney | Board Certified Specialist | www.terryfirm.com

786.443.7720 | 801 Brickell Av. Ste. 900, Miami, FL 33131

[CLICK HERE to book an appointment](#)

From: Maestri, Patrick J. <patrick.maestri@USPTO.GOV>

Sent: Monday, May 20, 2019 11:47 AM

To: Mark Terry <Mark@terryfirm.com>

Subject: Interview for 16/294554

Mr. Terry,

I received your request for an interview for 5/23/2019 at 11:30 am. I am available at that time and have put the interview on my calendar. I would appreciate it if you could send me an agenda with an indication of what you want to discuss so I can better prepare. You can either email it to me at this address or fax it to me at 571-270-8859.

Patrick Maestri
Primary Examiner
Art Unit 3638
(571) 270-7859



UNITED STATES PATENT AND TRADEMARK OFFICE

USPTO Automated Interview Request (AIR)

May 15 2019

This paper requesting to schedule and/or conduct an interview is appropriate because:

I am concurrently submitting an authorization to communicate via the internet.
See form SB/0439.

Name(s):
Mark Terry

S-signature:
/Mark Terry/

Registration Number:

U.S. Application Number:
16294554

Confirmation Number:
5604

E-mail Address:
mark@terryfirm.com

Phone Number:
+1 7864437720

Proposed Time of Interview:
5-23-2019 11:30 AM ET

Preferred Interview Type:
Telephonic

I am the applicant or applicant's representative for this application.

Topic for Discussion:



UNITED STATES
PATENT AND TRADEMARK OFFICE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	05/10/2019		
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131			EXAMINER MAESTRI, PATRICK J	
			ART UNIT	PAPER NUMBER
			3638	
			NOTIFICATION DATE	DELIVERY MODE
			05/10/2019	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):

eofficeaction@appcoll.com
mark@terryfirm.com
yurie@terryfirm.com

Office Action Summary	Application No. 16/294,554	Applicant(s) Mouriz et al.	
	Examiner PATRICK J MAESTRI	Art Unit 3638	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on March 6, 2019.
 ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 1-17 is/are pending in the application.
 5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 1-17 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☒ The drawing(s) filed on March 6, 2019 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
 Paper No(s)/Mail Date ____.

3) ☐ Interview Summary (PTO-413)
 Paper No(s)/Mail Date ____.

4) ☐ Other: ____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Claim Rejections - 35 USC § 112

The following is a quotation of 35 U.S.C. 112(b):

(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-17 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

Regarding claims 1, 8, and 14: It is unclear how the end of the strip can be cut twice. Is the end cut in two different directions? Is only the end cut to be coextensive with a length of construction material?

Additional claims rejected under 35 USC 112 but not addressed are rejected as being dependent on a rejected base claim and failing to further remedy the issue(s).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 8, 14 is/are rejected under 35 U.S.C. 103 as being unpatentable over Lennox et al. (US Patent No 9,822,536) ("Lennox") in view of WikiHow (<https://www.wikihow.com/Tarp-a-Roof>) ("Wiki").

Regarding claim 1: Lennox teaches draping a strip of the impermeable membrane (item 18) over the roof, wherein an end of the strip overhangs the eaves of the roof; placing a rigid, elongated piece of construction material (item 20) under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof (figure 2). Lennox does not teach cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material; fastening the construction material to the end of the strip using a plurality of first fasteners; rolling the construction material at least one full turn in the end of the strip that overhangs the eaves of the roof; attaching the construction material that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners; and repeating steps a) through f) until the entire roof is covered in the impermeable membrane. However, Wiki teaches cutting the tarp to size (step 2); fastening the construction material to the end of the strip using a plurality of

first fasteners (step 4); rolling the construction material at least one full turn in the end of the strip that overhangs the eaves of the roof (step 4); attaching the construction material that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners (step 7); and repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

It would have been obvious to one of ordinary skill in the art to implement the membrane as taught by Lennox with the steps taught by Wiki in order to secure the membrane down evenly across a width of the roof. They do not specifically teach cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material. However, Lennox teaches the end of the construction material and membrane are coextensive (col 6, lines 27-29). One of ordinary skill would recognize that properly sizing the membrane larger than needed then trimming would result in no loose ends that can be caught by wind which would destroy the integrity of the job by creating a weak point in the installation.

Regarding claim 8: Lennox teaches draping a strip of the impermeable membrane (item 18) over the roof, wherein an end of the strip overhangs the eaves of the roof; placing a rigid, elongated piece of construction material (item 20) under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof (figure 2). Lennox does not teach the construction material is a wood plank, cutting the end of the strip such that it is coextensive with a length of the wood plank and cutting the end of the strip below the wood plank; fastening the wood plank to

the end of the strip using a plurality of first fasteners; rolling the wood plank at least three full turns in the end of the strip that overhangs the eaves of the roof; attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners; and repeating steps a) through f) until the entire roof is covered in the impermeable membrane. However, Wiki teaches the rigid, elongated piece of construction material comprises a wood plank(Wiki teaches the planks are 2x4s (step 3)); cutting the tarp to size (step 2); fastening the wood plank to the end of the strip using a plurality of first fasteners (step 4); rolling the wood plank at least one full turn in the end of the strip that overhangs the eaves of the roof (step 4); attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners (step 7); and repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

It would have been obvious to one of ordinary skill in the art to implement the membrane as taught by Lennox with the steps taught by Wiki in order to secure the membrane down evenly across a width of the roof. It is well known in the art that 2x4s are wood boards. Using wood planks or boards would be obvious because they are easy to come by and easy to cut to length and fasten with common tools. They do not specifically teach cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material. However, Lennox teaches the end of the construction material and membrane are coextensive (col 6, lines 27-29). One of ordinary skill would recognize that properly sizing the membrane larger than needed then trimming would result in no loose ends

that can be caught by wind which would destroy the integrity of the job by creating a weak point in the installation.

Additionally, it would have been obvious to roll as many turns as necessary in order to add additional strength to the attachment. More turns provide a lesser chance of the membrane ripping at the site of the fastener penetrations.

Regarding claim 14: Lennox teaches draping a strip of the impermeable membrane (item 18) over the roof, wherein an end of the strip overhangs the eaves of the roof; placing a rigid, elongated piece of construction material (item 20) under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof (figure 2). Lennox does not teach the construction material is a wood plank, cutting the end of the strip such that it is coextensive with a length of the wood plank and cutting the end of the strip below the wood plank; fastening the wood plank to the end of the strip using a plurality of staples; rolling the wood plank at least three full turns in the end of the strip that overhangs the eaves of the roof; attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of nails; and repeating steps a) through f) until the entire roof is covered in the impermeable membrane. However, Wiki teaches the rigid, elongated piece of construction material comprises a wood plank (Wiki teaches the planks are 2x4s (step 3)); cutting the tarp to size (step 2); fastening the wood plank to the end of the strip using a plurality of staples (step 4); rolling the wood plank at least one full turn in the end of the strip that overhangs the eaves of the roof (step 4); attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of nails

(step 7); and repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

It would have been obvious to one of ordinary skill in the art to implement the membrane as taught by Lennox with the steps taught by Wiki in order to secure the membrane down evenly across a width of the roof. It is well known in the art that 2x4s are wood boards. Using wood planks or boards would be obvious because they are easy to come by and easy to cut to length and fasten with common tools. They do not specifically teach cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material. However, Lennox teaches the end of the construction material and membrane are coextensive (col 6, lines 27-29). One of ordinary skill would recognize that properly sizing the membrane larger than needed then trimming would result in no loose ends that can be caught by wind which would destroy the integrity of the job by creating a weak point in the installation.

Additionally, it would have been obvious to roll as many turns as necessary in order to add additional strength to the attachment. More turns provide a lesser chance of the membrane ripping at the site of the fastener penetrations.

Claim 2, 3, 9, 10, 15, 16 is/are rejected under 35 U.S.C. 103 as being unpatentable over Lennox in view of Wiki and Ehsani (US Patent No 7,793,478).

Referring to claims 2, 9, 15: Lennox and Wiki teach all the limitations of claims 1, 8, and 14 as noted above. They do not teach overlapping at least three inches of a first strip of

the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof. However, Ehsani teaches overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof (col 4, lines 41-44).

It would have been obvious to one of ordinary skill in the art to protect the roof as taught by Lennox and Wiki and overlap the edges taught by Ehsani in order to protect a larger width of roof that can't be covered with a single width of membrane.

Regarding claims 3, 10, and 16: Lennox, Wiki and Ehsani teach all the limitations of claims 2, 9, and 15 as noted above. Additionally, Lennox teaches applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip, and applying heat using said heat source to the entire impermeable membrane, so as to shrink the entire impermeable membrane (col 6, lines 38-45).

Claims 4-7, 11-13, and 17 is/are rejected under 35 U.S.C. 103 as being unpatentable over Lennox in view of Wiki, Ehsani, and IGC (<https://temporaryrepair.com/blog/2013/8/28/how-to-tarp-a-tile-roof>).

Referring to claims 4, 11, and 17: Lennox, Wiki, and Ehsani teach all the limitations of claims 3, 10, and 16 as noted above. They do not teach placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the

impermeable membrane on top of the roof. However, IGC teaches placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof (paragraph 6).

It would have been obvious to one of ordinary skill in the art to protect the roof as taught by Lennox, Wiki, and Ehsani with the characteristic of using sandbags taught by IGC in order to provide additional temporary securing of the membrane on the roof.

Referring to claim 5: Lennox, Wiki, Ehsani, and IGS teach all the limitations of claim 4 as noted above. They do not specifically teach the rigid, elongated piece of construction material comprises a wood plank. However, Wiki teaches 2x4s (step 3). It is well known in the art that 2x4s are wood boards. Using wood planks or boards would be obvious because they are easy to come by and easy to cut to length and fasten with common tools.

Referring to claim 6, 12: Lennox, Wiki, Ehsani, and IGS teach all the limitations of claims 5, 11 as noted above. Additionally, Wiki teaches the first fasteners comprise staples (step 4). Staples are known for distributing holding power over a larger surface area and would be suitable for flexible sheet materials such as membranes.

Referring to claims 7, 13: Lennox, Wiki, Ehsani, and IGS teach all the limitations of claims 6, 12 as noted above. Additionally, Wiki teaches the second fasteners comprise nails (step 7). Nails are known for fastening two boards together because of their strength and ease of installation.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PATRICK J MAESTRI whose telephone number is (571)270-7859. The examiner can normally be reached on M-Th 8-4.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Fox can be reached on 571-272-6923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PATRICK J MAESTRI/
Primary Examiner, Art Unit 3638

Notice of References Cited	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.	
	Examiner PATRICK J MAESTRI	Art Unit 3638	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Code-Number-Kind Code	Country	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-9822536-B2		11-2017	Lennox; Matthew	E04G21/28	1/1
*	B	US-7793478-B2		09-2010	Ehsani; Mohammad R.	E04D5/142	52/409
*	C	US-20050217202-A1		10-2005	Crook, Michael L.	E04H9/14	52/782.1
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
	L						
	M						

FOREIGN PATENT DOCUMENTS

*		Document Number Code-Number-Kind Code	Country	Date MM-YYYY	Country	Name	CPC Classification
	N						
	O						
	P						
	Q						
	R						
	S						
	T						

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	WikiHow "How to Tarp a Roof" http://www.wikihow.com/Tarp-a-Roof https://web.archive.org/web/20130625111700/http://www.wikihow.com/Tarp-a-Roof June 25, 2013 (Year: 2013)
	V	"How to Tarp a Tile Roof" Insurance General Contractors https://temporaryrepair.com/blog/2013/8/28/how-to-tarp-a-tile-roof August 28, 2013 (Year: 2013)
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20190508

Search Notes 	Application/Control No. 16/294,554	Applicant(s)/Patent Under Reexamination Mouriz et al.
	Examiner PATRICK J MAESTRI	Art Unit 3638

CPC - Searched*		
Symbol	Date	Examiner
E04D5/146, E04D5/142, E04D15/04, E04D5/06, E04D2015/042	05/02/2019	PJM

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
East text, classification, inventor name	05/02/2019	PJM

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1514	(E04D5/146 or E04D5/142 or E04D15/04 or E04D5/06 or E04D2015/042).cpc.	US-PGPUB; USPAT; DERWENT	OR	OFF	2019/05/01 09:30
S2	1	(11/424040).APP.	USPAT; USOCR	OR	OFF	2019/05/01 10:42
S3	30	("1284997" "20020170254" "20030024174" "20030145546" "20040172899" "20060174552" "2099093" "3992842" "4227356" "4452848" "4475765" "4483117" "4587164" "4783942" "5218793" "5253461" "5309685" "5469671" "5584153" "5640825" "5916093" "5988074" "6393797" "6490834" "6931813" "6981349" "7178306" "7299599").PN. OR ("7793478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 10:43
S4	1	(11/424040).APP.	USPAT; USOCR	OR	OFF	2019/05/01 13:42
S5	47	roof same tarp same secure	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 13:49
S6	0	(11/435928).APP.	USPAT; USOCR	OR	OFF	2019/05/01 13:52
S7	21	("20020007924" "20020095898" "20050217202" "20060010815" "20060150537" "20060185706" "20090013610" "20100083587" "4455790" "4682447" "5388311" "5983572" "6474022" "6966152" "7299588" "7392620" "8777516" "8984815" "9021749" "9327147" "9797154").PN. OR ("10246889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/05/01 13:52

EAST Search History (Interference)

< This search history is empty >

5/ 8/ 2019 8:39:13 AM

C:\Users\pmaestri\Documents\EAST\Workspaces\16294554.wsp



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/294,554	03/06/2019	Christopher M. Mouriz	Shrink_Wrap_Utility	5604
60033	7590	03/26/2019	EXAMINER	
MARK TERRY, ESQ. 801 BRICKELL AVE., SUITE 900 Miami, FL 33131			ART UNIT	
			PAPER NUMBER	
			3633	
			NOTIFICATION DATE	DELIVERY MODE
			03/26/2019	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):

eoofficeaction@appcoll.com
mark@terryfirm.com
yurie@terryfirm.com

<i>Decision Granting Request for Prioritized Examination (Track I)</i>	Application No. 16/294,554	Applicant(s) Mouriz et al.	
	Examiner BRIAN W BROWN	Art Unit OPET	AIA (First Inventor to File) Status Yes
<p>1. THE REQUEST FILED <u>06 March 2019</u> IS GRANTED .</p> <p>The above-identified application has met the requirements for prioritized examination</p> <p>A. ☒ for an original nonprovisional application (Track I).</p> <p>B. ☐ for an application undergoing continued examination (RCE).</p> <p>2. The above-identified application will undergo prioritized examination. The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:</p> <p>A. filing a <u>petition for extension of time</u> to extend the time period for filing a reply;</p> <p>B. filing an <u>amendment to amend the application to contain more than four independent claims, more than thirty total claims</u>, or a multiple dependent claim;</p> <p>C. filing a <u>request for continued examination</u> ;</p> <p>D. filing a notice of appeal;</p> <p>E. filing a request for suspension of action;</p> <p>F. mailing of a notice of allowance;</p> <p>G. mailing of a final Office action;</p> <p>H. completion of examination as defined in 37 CFR 41.102; or</p> <p>I. abandonment of the application.</p> <p>Telephone inquiries with regard to this decision should be directed to BRIAN BROWN at (571)272-5338. In his/her absence, calls may be directed to Petition Help Desk at (571) 272-3282.</p>			
/BRIAN W BROWN/ Petitions Examiner, OPET			

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 16/294,554	
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 <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	75		N/A	
SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	330		N/A	
EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	380		N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	17	minus 20 = *	x 50 =	0.00	OR		
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	3	minus 3 = *	x 230 =	0.00			
APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	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			
MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				0.00			
				TOTAL		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(\$)		OTHER THAN SMALL ENTITY
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	x	=	OR	Total <small>(37 CFR 1.16(i))</small>
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	x	=	OR	Independent <small>(37 CFR 1.16(h))</small>
	Application Size Fee <small>(37 CFR 1.16(s))</small>					OR	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>					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(\$)		OTHER THAN SMALL ENTITY
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	x	=	OR	Total <small>(37 CFR 1.16(i))</small>
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	x	=	OR	Independent <small>(37 CFR 1.16(h))</small>
	Application Size Fee <small>(37 CFR 1.16(s))</small>					OR	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>					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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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	TOT CLAIMS	IND CLAIMS
16/294,554	03/06/2019	3633	785	Shrink_Wrap_Utility	17	3

CONFIRMATION NO. 5604

FILING RECEIPT



0000000106784450

60033
MARK TERRY, ESQ.
801 BRICKELL AVE., SUITE 900
Miami, FL 33131

Date Mailed: 03/25/2019

Receipt is acknowledged of this non-provisional 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 APPLICANT, 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 Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections 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**

Inventor(s)

Christopher M. Mouriz, Miami, FL;
Spiro Naos, Miami, FL;
Larry J. Bond, Miami, FL;

Applicant(s)

STRUCTURAL WRAP, LLC, Miami, FL;

Power of Attorney: The patent practitioners associated with Customer Number 60033

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: 03/21/2019

page 1 of 3

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/294,554**

Projected Publication Date: 09/10/2020

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

METHOD FOR COVERING ROOF WITH SHRINK WRAP

Preliminary Class

052

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).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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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.

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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).

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

☒

Practitioners associated with Customer Number:

60033

OR

☐

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

☒

The address associated with Customer Number: 60033

OR

☐

Firm or individual name

Address

City

State

Zip

Country

Telephone

Email

Assignee name and address: STRUCTURAL WRAP, LLC
10 NW 42ND AVE, SUITE 320
MIAMI, FL 33126

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature

Date

1/29/2019

Name Christopher M. Mouriz

Telephone

(305) 240-4464

Title Authorized Member of STRUCTURAL WRAP, LLC

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 18 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: 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.

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	TBD
Filing Date	03/06/2019
First Named Inventor	Christopher M. Mouriz
Title	Method for Covering Roof with Shrink Wrap
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	Shrink_Wrap_Utility

SIGNATURE of Applicant or Patent Practitioner

Signature	/Mark Terry/	Date (Optional)	
Name	Mark Terry	Registration Number	47133
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.			

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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: 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.

**CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION
UNDER 37 CFR 1.102(e) (Page 1 of 1)**

First Named Inventor:	Christopher M. Mouriz	Nonprovisional Application Number (if known):	TBD
Title of Invention:	METHOD FOR COVERING ROOF WITH SHRINK WRAP		

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

1. The processing fee set forth in 37 CFR 1.17(i)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently \$0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.
2. I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.
3. The applicable box is checked below:

I. ☒ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.
---OR---
(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.
- ii. An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, or the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

II. ☐ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- i. A request for continued examination has been filed with, or prior to, this form.
- ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
- iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature /Mark Terry/	Date 03/06/2019
Name (Print/Typed) Mark Terry	Practitioner Registration Number 47133
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.*	
☐ *Total of _____ forms are submitted.	

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 Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		METHOD FOR COVERING ROOF WITH SHRINK WRAP		
First Named Inventor/Applicant Name:		Christopher M. Mouriz		
Filer:		Mark Peter Terry		
Attorney Docket Number:		Shrink_Wrap_Utility		
Filed as Small Entity				
Filing Fees for Track I Prioritized Examination - Nonprovisional Application 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
REQUEST FOR PRIORITIZED EXAMINATION	2817	1	2000	2000
Pages:				
Claims:				
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
PUBL. FEE- EARLY, VOLUNTARY, OR NORMAL	1504	1	0	0
PROCESSING FEE, EXCEPT PROV. APPLS.	2830	1	70	70
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				2855

Electronic Acknowledgement Receipt	
EFS ID:	35345037
Application Number:	16294554
International Application Number:	
Confirmation Number:	5604
Title of Invention:	METHOD FOR COVERING ROOF WITH SHRINK WRAP
First Named Inventor/Applicant Name:	Christopher M. Mouriz
Customer Number:	60033
Filer:	Mark Peter Terry
Filer Authorized By:	
Attorney Docket Number:	Shrink_Wrap_Utility
Receipt Date:	06-MAR-2019
Filing Date:	
Time Stamp:	17:13:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$2855
RAM confirmation Number	030719INTEFSW17142300
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	Drawings-only black and white line drawings	Roof-Wrap-Figures-3-6-2019.pdf	169567	no	7
			ecffa116bdf83186f6d076d541834bf12d30a41		
Warnings:					
Information:					
2	Specification	SWrap_Utility-Spec-3-6-19.pdf	113846	no	22
			a86738c67dc888c0fa1cf6a29c3786751c1ec436		
Warnings:					
Information:					
3	Application Data Sheet	ADS-Final.pdf	116599	no	9
			c8368f531354625e482b8dc7e985b32b3d9c1434		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
4	Oath or Declaration filed	DEC-Christopher-Signed.pdf	1791428	no	1
			728e4b2fb832bc10a9d68ecc762d8b26e016da05		
Warnings:					
Information:					
5	Oath or Declaration filed	DEC-Sprio-Signed.pdf	1847533	no	1
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Warnings:					
Information:					
6	Oath or Declaration filed	DEC-Larry-Signed.pdf	2029717	no	1
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Warnings:					

Information:					
7	Power of Attorney	POA-Christopher-Signed.pdf	1685906	no	1
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Warnings:					
Information:					
8	Transmittal Letter	POA-Transmittal.pdf	73732	no	1
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Warnings:					
Information:					
9	TrackOne Request	TrackOne.pdf	95373	no	2
			4629d2eb313d9134b0b0d2079d58c110623e1169a		
Warnings:					
Information:					
10	Fee Worksheet (SB06)	fee-info.pdf	40181	no	2
			43ed99406939e33595a5a2459c31b493b29c4556		
Warnings:					
Information:					
Total Files Size (in bytes):			7963882		
<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>					

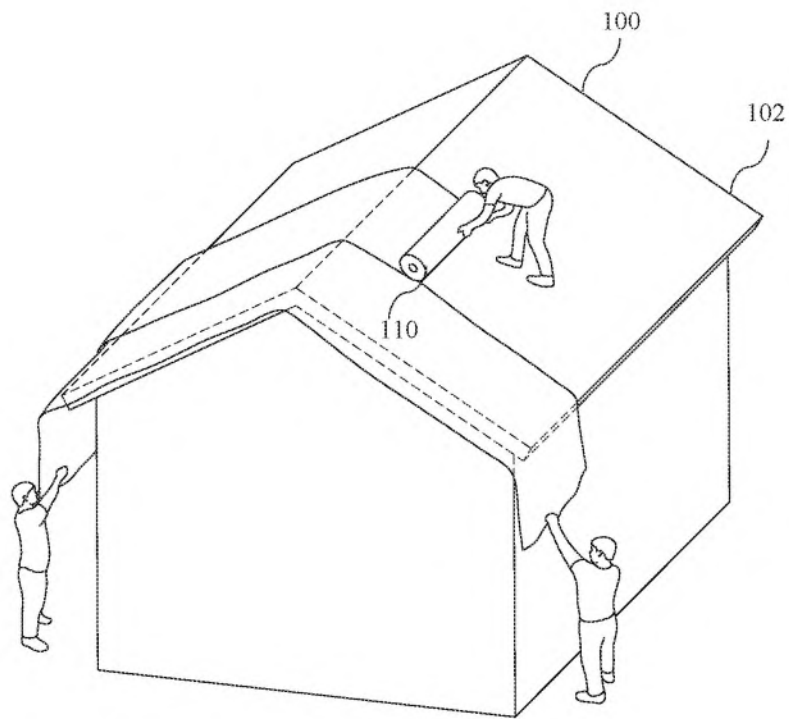


Fig. 1

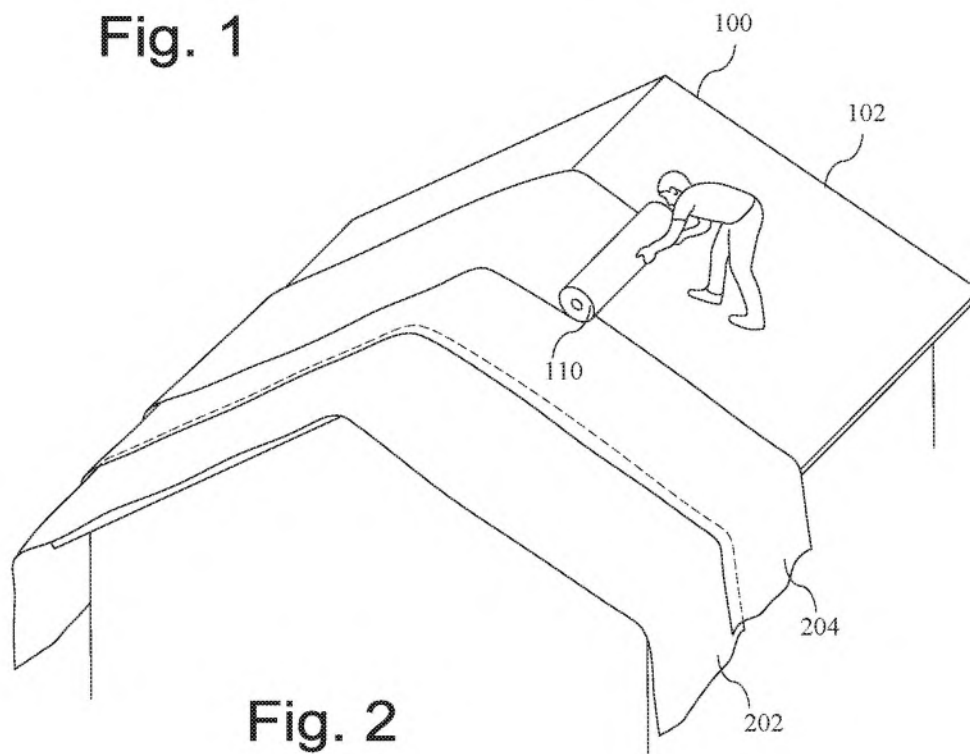
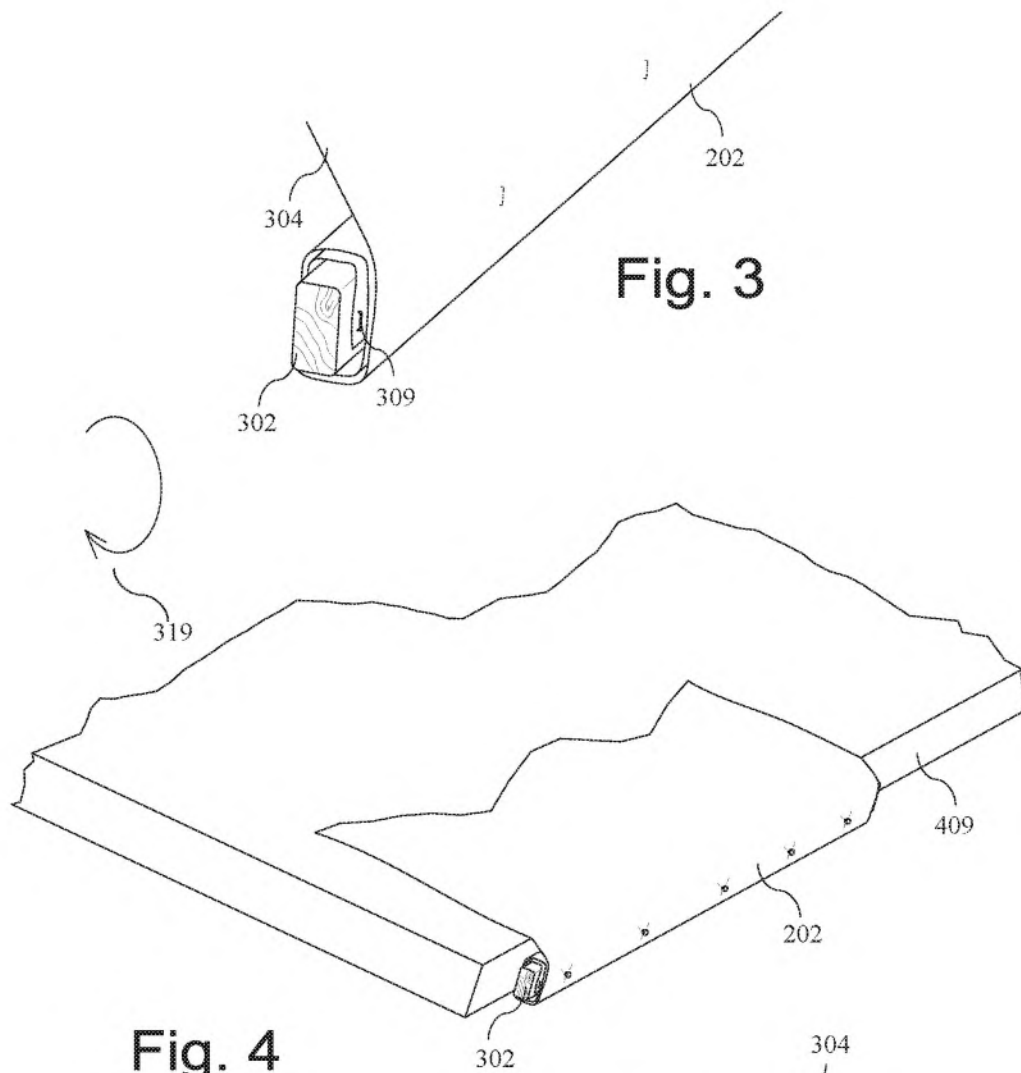
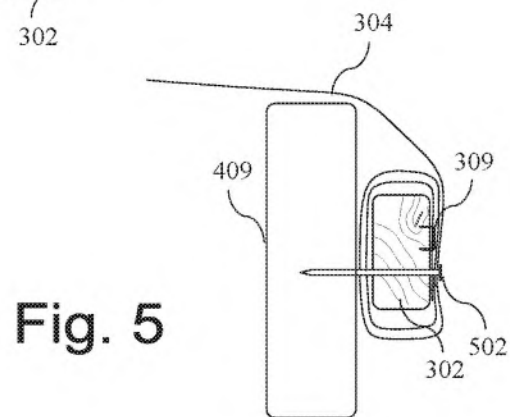
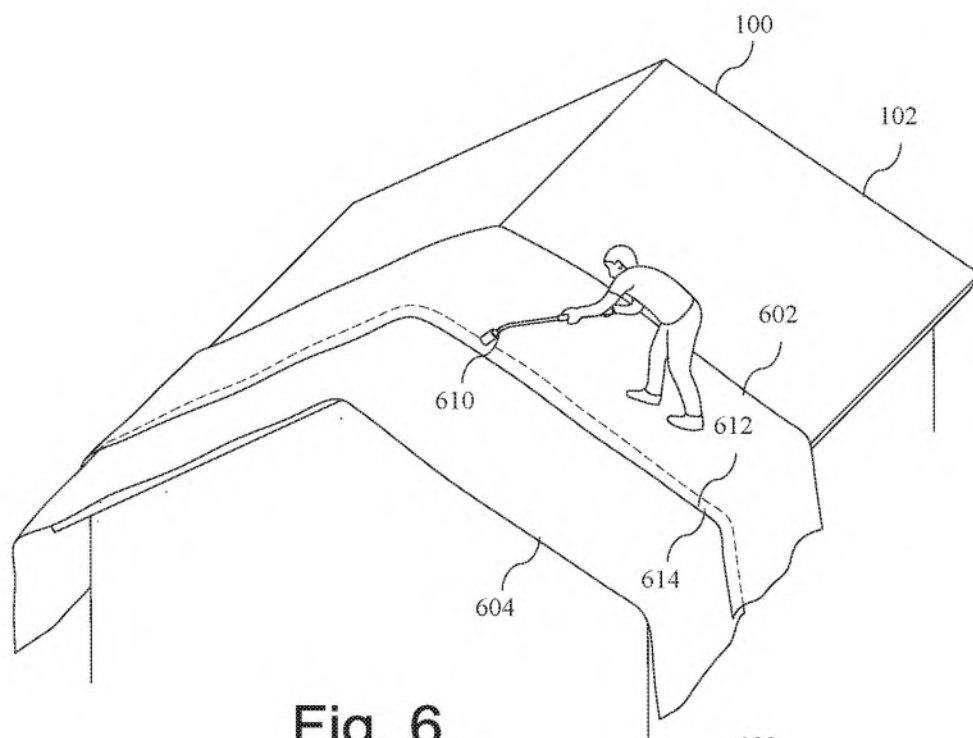
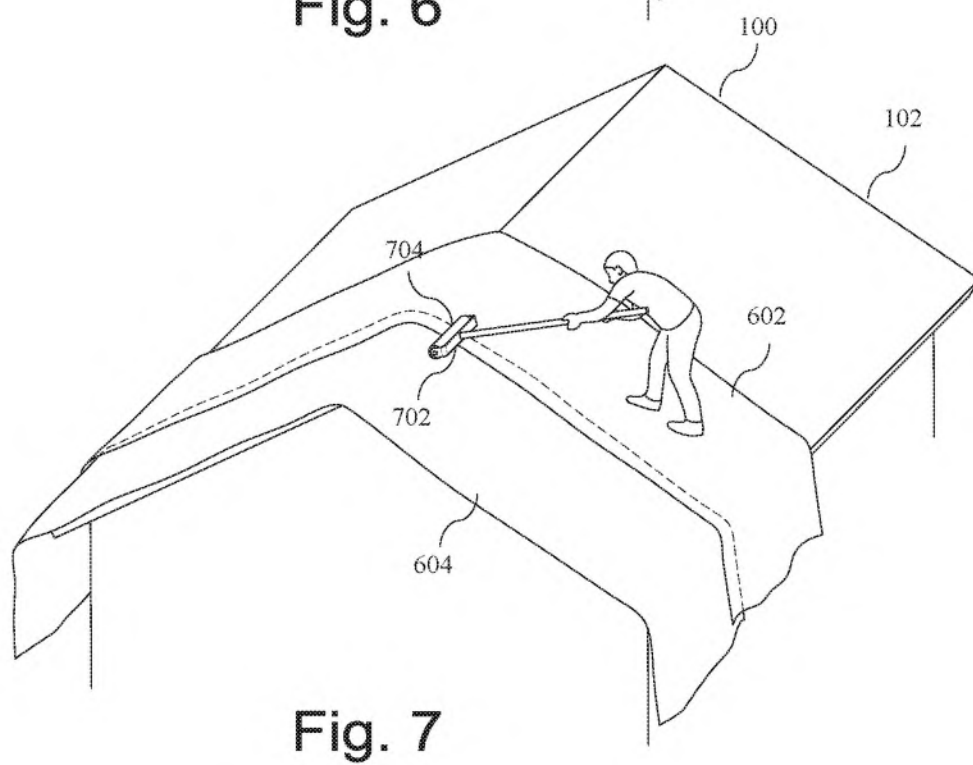


Fig. 2





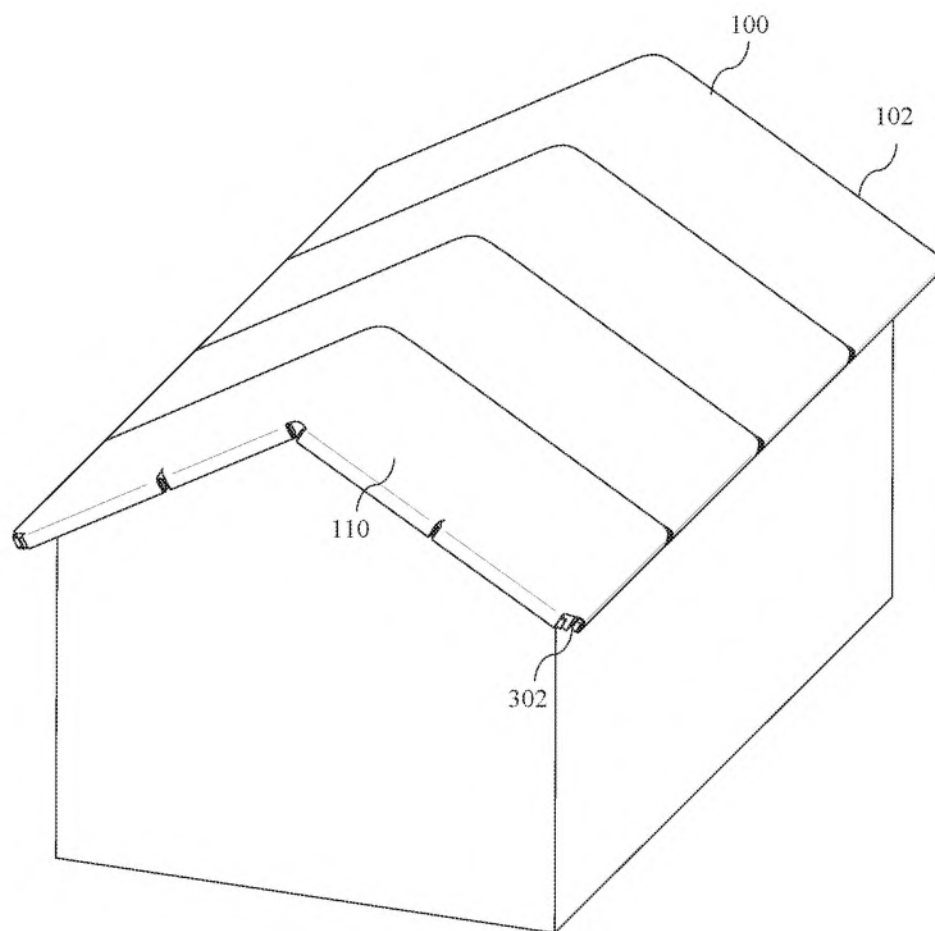
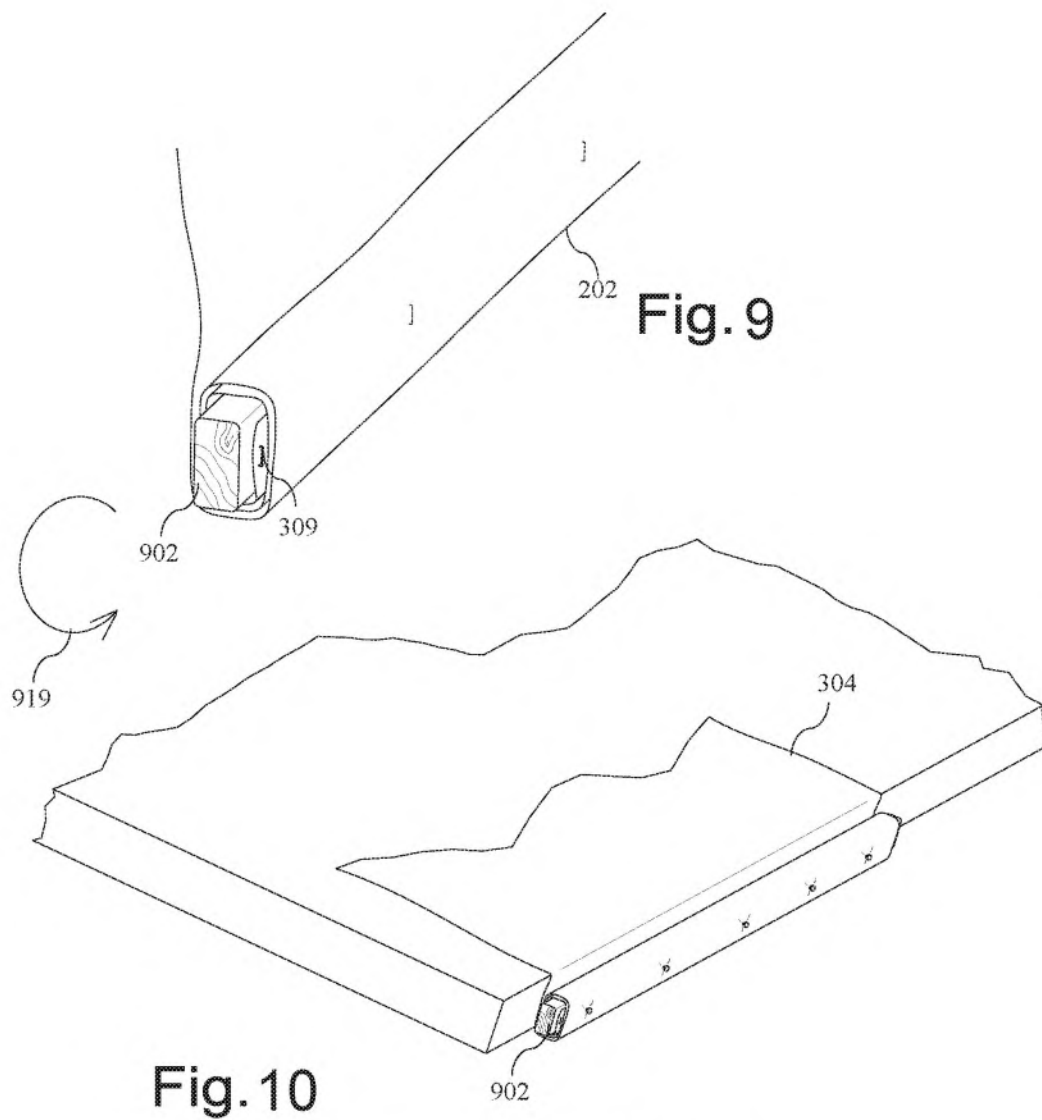
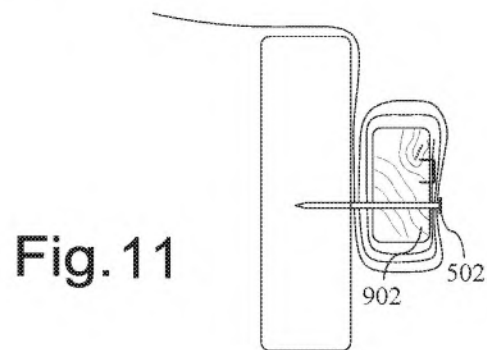


Fig. 8



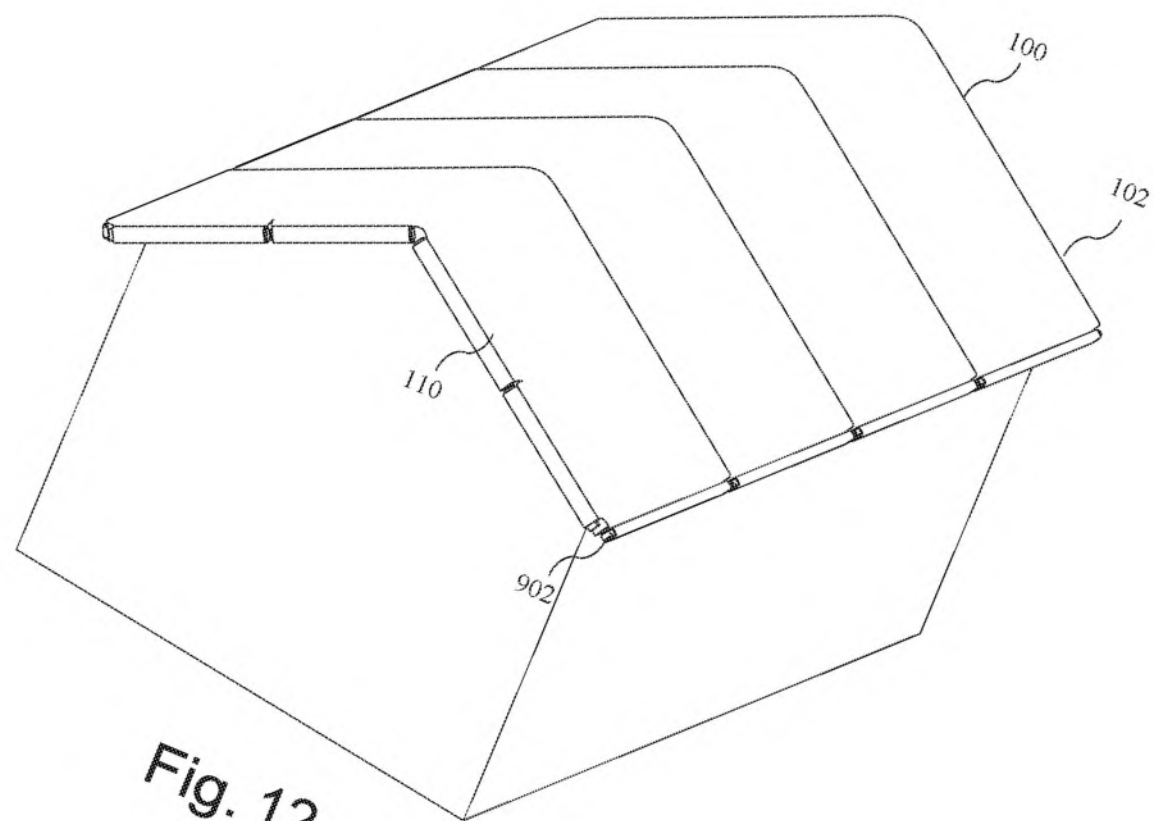
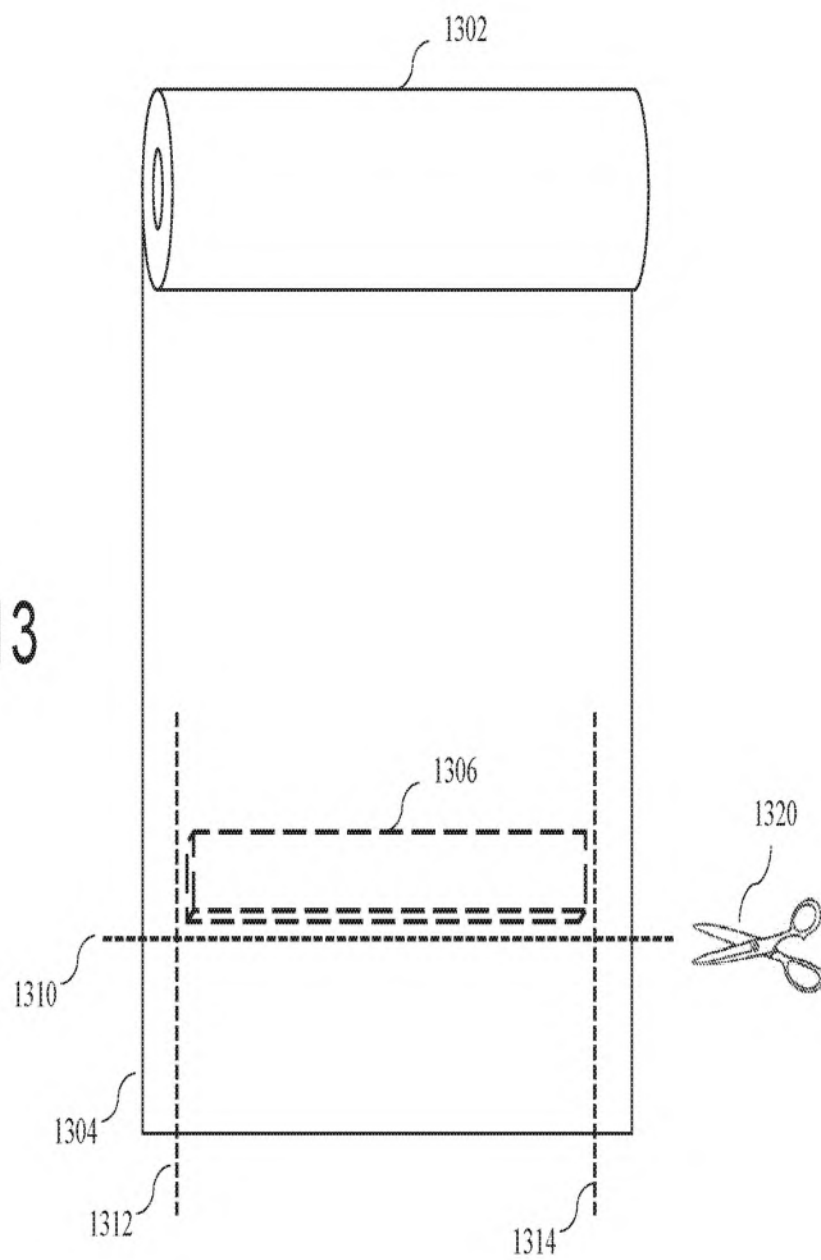


Fig. 12

Fig. 13



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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		
<p>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.</p>			

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
	Christopher	M.	Mouriz	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Miami	State/Province	FL	Country of Residence US
Mailing Address of Inventor:				
Address 1		10 NW 42nd Ave, Suite 320		
Address 2				
City	Miami	State/Province	FL	
Postal Code	33126	Country i	US	
Inventor 2 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Spiro		Naos	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Miami	State/Province	FL	Country of Residence US
Mailing Address of Inventor:				
Address 1		10 NW 42nd Ave, Suite 320		
Address 2				
City	Miami	State/Province	FL	
Postal Code	33126	Country i	US	
Inventor 3 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Larry	J.	Bond	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				

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	Shrink_Wrap_Utility		
		Application Number			
Title of Invention	Method for Covering Roof with Shrink Wrap				
City	Miami	State/Province	FL	Country of Residence	US
Mailing Address of Inventor:					
Address 1		10 NW 42nd Ave, Suite 320			
Address 2					
City	Miami	State/Province	FL		
Postal Code	33126	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	60033		
Email Address	mark@terryfirm.com	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Method for Covering Roof with Shrink Wrap		
Attorney Docket Number	Shrink_Wrap_Utility	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	7	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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

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	60033		

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			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

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)¹ 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 ¹	Filing Date (YYYY-MM-DD)	Remove
			Access Code ¹ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

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>
--

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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

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			
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.			
<input type="button" value="Clear"/>			
☒ 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:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. ☒			
Organization Name	STRUCTURAL WRAP, LLC		
Mailing Address Information For Applicant:			
Address 1	10 NW 42ND AVE, SUITE 320		
Address 2			
City	Miami	State/Province	FL
Country	US	Postal Code	33126
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

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.

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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

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.				
If the Assignee or Non-Applicant Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City			State/Province	
Country		Postal Code		
Phone Number			Fax Number	
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

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 <u>INITIAL</u> 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 <u>must</u> be signed by a patent practitioner if one or more of the applicants is a <u>juristic entity</u> (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, <u>all</u> 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 <u>all</u> joint inventor-applicants.				
See 37 CFR 1.4(d) for the manner of making signatures and certifications.				
Signature	/Mark Terry/		Date (YYYY-MM-DD)	2019-03-06
First Name	Mark	Last Name	Terry	Registration Number
47133				
Additional Signature may be generated within this form by selecting the Add button.				

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	Shrink_Wrap_Utility
		Application Number	
Title of Invention	Method for Covering Roof with Shrink Wrap		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.

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

Title of
Invention

Method for Covering Roof with Shrink Wrap

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: Christopher M. Mouriz

Date (Optional):

1/29/2019

Signature:

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	Method for Covering Roof with Shrink Wrap
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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.

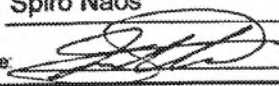
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

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LEGAL NAME OF INVENTOR

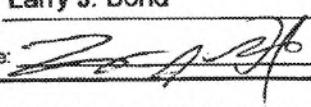
Inventor: Spiro Naos Date (Optional): 1-29-19
 Signature: 

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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	Method for Covering Roof with Shrink Wrap
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to: ☒ The attached application, or ☐ United States application or PCT international application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p> <p style="text-align: center;">WARNING:</p> <p>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.</p> <p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Larry J. Bond</u> Date (Optional): <u>1-29-19</u></p> <p>Signature: </p> <p>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/D1 form for each additional inventor.</p>	

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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METHOD FOR COVERING ROOF WITH SHRINK WRAP

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] Not Applicable.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[0002] Not Applicable.

INCORPORATION BY REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC

[0003] Not Applicable.

TECHNICAL FIELD

[0004] The technical field relates generally to the field of residential and commercial structural maintenance and, more specifically, relates to the field of roof maintenance for residential and commercial structures.

BACKGROUND

[0005] Maintenance is the process of ensuring that buildings and structures retain a good appearance and operate at optimum efficiency. Inadequate maintenance can result in decay, degradation and reduced performance and can affect health and threaten the safety of users, occupants and others in the vicinity. Building structure, and roofs in particular, are regularly subjected to harsh conditions including wind, rain, snow, heat, cold, and storms. Said conditions can cause damage to the roof, as well as the interior of the structure. For these

reasons, roofs require regular maintenance to maintain optimum efficiency and continue to accomplish their design goals.

[0006] When roofs suffer significant damage, however, significant construction or refurbishing services may be necessary. This may require a long period of time to accomplish, as contractors must be found and assigned to the job, permits must be obtained, and money must be allocated and transferred. During this period time, the roof cannot be left unattended, as the roof the contents of the structure may suffer further damage. In these situations, therefore, temporary remedial or protective measures are necessary.

[0007] Various approaches to this problem have been proposed. A well-known approach to this problem is to attach a temporary water-impermeable membrane to the exterior of the roof to prevent water from penetrating the roof while it remains damaged, also known as the blue tarp method. These approaches, however, are difficult and time-consuming to implement. The current approaches to the problem of applying a temporary membrane to a damaged roof do not address the issue of properly fitting the membrane to the roof size and shape. The current approaches also do not address the issue of fastening the ends or the perimeter of the membrane to the roof. Improper fitting of the membrane to the size and shape of the roof can result in a membrane that can be removed by strong winds or permit water to enter in between the membrane and the roof. Additionally, improper fastening of the ends, or perimeter of, the membrane, can result in a membrane that is too easily removed and allows water penetration. For these reasons, the current approaches to the problem of applying a temporary membrane to a damaged roof are inadequate.

[0008] Additionally, the current approaches to the problem of applying a temporary membrane to a damaged roof, including the blue tarp method, add holes to the top of the roof, which can cause further water leakage into the structure, and only last for up to 90 days. In fact, the Federal Emergency Management Agency, FEMA, even categorizes the blue tarp method

as only a 30-day solution. Therefore, the current approaches to the problem of applying a temporary membrane to a damaged roof are temporary at best.

[0009] Therefore, a need exists to overcome the problems with the prior art as discussed above, and particularly for a more efficient way of applying temporary remedial or protective measures onto a damaged roof.

SUMMARY

[0010] A system and method for temporary protection of a damaged roof is provided. This Summary is provided to introduce a selection of disclosed concepts in a simplified form that are further described below in the Detailed Description including the drawings provided. This Summary is not intended to identify key features or essential features of the claimed subject matter. Nor is this Summary intended to be used to limit the claimed subject matter's scope.

[0011] In one embodiment, a system and method for temporary protection of a damaged roof is provided that solves the above-described problems. The method includes draping a strip of the impermeable membrane over the roof, wherein the end of the strip overhangs the eaves of the roof, placing a rigid, elongated piece of construction material under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof, cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material, fastening the construction material to the end of the strip using a plurality of first fasteners, rolling the construction material at least three full turns in the end of the strip that overhangs the eaves of the roof, attaching the construction material that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners, and repeating the steps above until the entire roof is covered in the impermeable membrane.

BRIEF DESCRIPTION OF THE DRAWINGS

[0012] The accompanying drawings, which are incorporated in and constitute a part of this disclosure, illustrate various example embodiments. In the drawings:

[0013] FIG. 1 is an illustration of a perspective view of a residential structure with a damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0014] FIG. 2 is an illustration of a close-up perspective view of the residential structure with the damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0015] FIG. 3 is an illustration showing construction material in the process of being wrapped in the impermeable membrane, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0016] FIG. 4 is an illustration showing construction material completely wrapped in the impermeable membrane and attached to the damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0017] FIG. 5 is an illustration showing a cross-sectional view of construction material completely wrapped in the impermeable membrane and attached to the damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0018] FIG. 6 is an illustration showing two strips of the impermeable membrane being fastened together using heat, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0019] FIG. 7 is an illustration showing two strips of the impermeable membrane being fastened together using a roller device, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0020] FIG. 8 is an illustration of a perspective view of the residential structure with a damaged roof, showing the proposed system and method for temporary protection of a damaged roof completely applied, according to an example embodiment.

[0021] FIG. 9 is another illustration showing construction material in the process of being wrapped in the impermeable membrane, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0022] FIG. 10 is another illustration showing construction material completely wrapped in the impermeable membrane and attached to the damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0023] FIG. 11 is another illustration showing a cross-sectional view of construction material completely wrapped in the impermeable membrane and attached to the damaged roof, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment.

[0024] FIG. 12 is another illustration of a perspective view of the residential structure with a damaged roof, showing the proposed system and method for temporary protection of a damaged roof completely applied, according to an example embodiment.

[0023] FIG. 13 is an illustration showing how an end of the strip of membrane is cut, according to an example embodiment.

DETAILED DESCRIPTION

[0025] The following detailed description refers to the accompanying drawings. Wherever possible, the same reference numbers are used in the drawings and the following description to refer to the same or similar elements. While embodiments of the claimed subject matter may be described, modifications, adaptations, and other implementations are possible. For example, substitutions, additions, or modifications may be made to the elements illustrated in the drawings, and the methods described herein may be modified by substituting, reordering, or adding stages to the disclosed methods. Accordingly, the following detailed description does not limit the claimed subject matter. Instead, the proper scope of the claimed subject matter is defined by the appended claims.

[0026] The claimed subject matter improves over the prior art by providing an economic, user-friendly and effective way of temporarily protecting a damaged roof, and the contents of the structure, from further damage. The claimed subject matter is further easy to learn for workers and time-saving to implement. The claimed subject matter further improves over the prior art by properly fitting the membrane to the roof size and shape and properly fastening the ends or the perimeter of the membrane to the roof. Proper fitting of the membrane to the size and shape of the roof results in a membrane that cannot be removed by strong winds or permit water to enter in between the membrane and the roof. Additionally, proper fastening of the ends, or perimeter of, the membrane, results in a membrane that is not easily removed and does not allow water penetration. Furthermore, the claimed subject matter does not introduce additional holes into the damaged roof and is a more than a temporary solution, as it can persist for periods of time longer than 90 days.

[0027] The accompanying drawings, which are incorporated in and constitute a part of this disclosure, illustrate various example embodiments. The claimed system and method for temporary protection of a damaged roof will now be described with respect to Figures 1 through

8. FIG. 1 is an illustration of a perspective view of a residential structure 100 with a damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 1 shows that the proposed system and method includes the application of an impermeable membrane to the damaged roof.

[0028] The proposed system utilizes a water impermeable membrane that may shrink when heat is applied. Namely, when heat is applied to the water impermeable membrane, the material shrinks tightly over whatever it is covering. Further, when heat is applied to the water impermeable membrane, the membrane may become partially liquid or tacky and may meld with a membrane of the same type. That is, when two pieces of said membrane are placed adjacent to one another and heat is applied, the two pieces of the membrane may meld together and become one integrated portion of water impermeable membrane. The water impermeable membrane may be used in a variety of thicknesses, clarities, strengths and shrink ratios. The water impermeable membrane may comprise polyolefin and may be a material made up of polymer plastic film. Polyolefin is a type of polymer produced from a simple olefin (also called an alkene) as a monomer. Other examples of materials used for the water impermeable membrane include PVC, polyethylene, polypropylene, EP/EVA/copolyester/EVA/EP (where EP is ethylene-propylene and EVA is ethylene-vinyl acetate copolymer) and other compositions.

[0029] The water impermeable membrane may be provided in rolls 110 of a certain width. In one embodiment, each roll 110 of the water impermeable membrane comprises a width of about 24 to 42 inches, with each roll provided from about 40 feet to about 120 feet of length of the water impermeable membrane. FIG. 1 shows that several rolls 110 of the impermeable membrane have been placed on top of the damaged roof 102 of the residential structure 100. Each roll 110 is unrolled on top of the damaged roof 102 in the same direction and the sides of each unrolled strip of impermeable membrane are placed adjacent to another

unrolled strip of impermeable membrane, such that the sides of each unrolled strip are coupled with the sides of the unrolled strips adjacent, as described more fully below.

[0030] FIG. 2 is an illustration of a close-up perspective view of the residential structure 100 with the damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 2 shows multiple rolls 110 of the impermeable membrane have been placed on top of the damaged roof 102 of the residential structure 100 in order to protect said roof, and the contents of the residential structure 100, from further damage or decay from precipitation, wind, etc. FIG. 2 shows that each roll 110 is unrolled, either fully or partially, on top of the damaged roof 102 in the same direction. FIG. 2 also shows that the sides of each unrolled strip 202 of impermeable membrane are placed adjacent to another unrolled strip 204 of impermeable membrane. More specifically, FIG. 2 shows that the sides of each unrolled strip 202 of impermeable membrane are placed so as to overlap (by about 3 to 8 inches) with the sides of the adjacent unrolled strip 204 of impermeable membrane. Subsequently, the sides of each unrolled strip are coupled with the sides of the unrolled strips adjacent, as described more fully below.

[0031] FIG. 3 is an illustration showing construction material 302 in the process of being wrapped in the impermeable membrane 304, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. In FIG. 3, the construction material 302 is a piece of lumber, which is a type of wood that has been processed into beams and planks. A plank, i.e., a wood plank or plank of wood, is timber that is flat, elongated, and rectangular with parallel faces that are higher and longer than wide. Planks are usually more than 1 1/2 in (38 mm) thick and are generally wider than 2 1/2 in (64 mm). Planks can be any length and are generally a minimum of 2 in (51 mm) deep by 8 in (200 mm) wide, but planks that are 2 in (51 mm) by 10 in (250 mm) and 2 in (51 mm) by 12 in (300

mm) are more common. In one embodiment, the construction material 302 is a wood plank that measures 2in x 4 in, 2in x 6in, 2in x 8in, or 2in x 12in.

[0032] In other embodiments, the construction material 302 may be other items, such as portions of metal siding, portions of roof tile, etc. FIG. 3 shows the roll 110 of impermeable membrane has been unrolled to such a length that the end of the unrolled strip 202 overhangs the eaves of the damaged roof 102 of the residential structure. FIG. 3 shows that the end of the unrolled strip 202 (which was rolled around the construction material 302) has been attached to the construction material 302 via one or more fasteners 309, which is a staple. Other types of fasteners may be used to attach the construction material 302 to the end of the unrolled strip 202, such as nails, clips, screws, etc. Also, adhesive may be used to attach the construction material 302 to the end of the unrolled strip 202. FIG. 3 shows that the construction material 302 has been wrapped in the end of the unrolled strip 202 in a clockwise 319 direction so that the open end of the roll faces downwards.

[0033] FIG. 4 is an illustration showing construction material 302 completely wrapped in the impermeable membrane 304 and attached to the damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 4 shows the roll 110 of impermeable membrane had been unrolled to such a length that the end of the unrolled strip 202 overhangs the eaves 409 of the damaged roof 102, so as to be applied to the construction material 302. FIG. 4 shows that the construction material 302 has been wrapped in the end of the unrolled strip 202, which overhangs the eaves 409 of the damaged roof 302.

[0034] FIG. 5 is an illustration showing a cross-sectional view of construction material 302 completely wrapped in the impermeable membrane 304 and attached to the damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 5 shows that the construction material 302 has been

wrapped in the end of the unrolled strip 202, which overhangs the eaves 409 of the damaged roof 102. The construction material 302 may be wrapped such that the end of the unrolled strip 302 completely surrounds the construction material 1 time, 2 times, or 3-4 times. I.e., in one embodiment, construction material 302 is wrapped 1 time, 2 times, or 3-4 times in the end of the unrolled strip. FIG. 5 shows that the end of the unrolled strip 202 (after wrapping the construction material 302) has been attached to the construction material 302 via a fastener 309, which is a staple. FIG. 5 further shows that the construction material 302 and the end of the unrolled strip 202 (which wraps around the construction material 302) has been attached to the eaves 409 of the roof via one or more fasteners 502, which is a nail. Other types of fasteners may be used to attach the construction material 302 and the end of the unrolled strip 202 to the eaves of the roof, such as clips, screws, etc. Also, adhesive may be used to attach the construction material 302 and the end of the unrolled strip 202 to the eaves of the roof.

[0035] In one embodiment, the method or process of attaching the ends of the unrolled strip 202 to the eaves of the damaged roof 102 occurs as follows. A first unrolled strip of the impermeable membrane is draped over the roof 102, wherein the end of the strip overhangs the eaves of the roof. Then, a wood plank is placed horizontally under the end of the strip that overhangs the eaves of the roof, such that the wood plank is placed below the eaves of the roof. The wood plank is placed far enough below the eaves of the roof such that when the wood plank is rolled up in the end of the strip (described below), the wood plank is at the height of the eaves of the roof. Next, the left and right sides of the strip are cut vertically such that the strip is coextensive with a length of the wood plank. The end of the strip is also cut horizontally below the wood plank. That is, assuming the wood plank is placed horizontally so that it is parallel with the eaves of the roof, a vertical cut is placed in the end of the strip on the left of the wood plank, a vertical cut is placed in the end of the strip on the right of the wood plank, and a horizontal cut is placed in the end of the strip below the wood plank.

[0036] Subsequently, the wood plank is fastened to the end of the strip using a plurality of staples. Next, the wood plank is rolled at least one, two or three full turns in the end of the strip, such that the wood plank is at a height of the eaves of the roof. Then, the wood plank that was rolled in the end of the strip is attached to the eaves of the roof using a plurality of nails. Further, each strip of the impermeable membrane that has been draped over the roof is placed such that it overlaps at least three inches with each adjacent strip of the impermeable membrane that has been draped over the roof. The steps above are repeated until the entire roof is covered in the impermeable membrane. Finally, heat is applied using a heat source to a portion of each strip that overlaps an adjacent strip, so as to meld the portion of each strip with the adjacent strip (as described more fully below). Also, heat may be applied using a heat source to all or a portion of the impermeable membrane on the roof, so as to shrink the membrane for aerodynamic purposes (to reduce or eliminate the membrane blowing off in a wind) and for hydrodynamic purposes to aid in water running or falling off the roof.

[0037] FIG. 6 is an illustration showing two strips 602, 604 of the impermeable membrane being fastened together using heat, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. Recall that the water impermeable membrane that may shrink when heat is applied. Namely, when heat is applied to the water impermeable membrane, the material shrinks tightly over whatever it is covering. Further, when heat is applied to the water impermeable membrane, the membrane may become partially liquid or tacky and may meld with a membrane of the same type. That is, when two pieces of said membrane are placed adjacent to one another and heat is applied, the two pieces of the membrane may meld together and become one integrated portion of water impermeable membrane. FIG. 6 shows that the sides 612, 614 of the two strips 602, 604 of the water impermeable membrane are placed such that that the sides of each strip overlap (by about 3 to 8 inches) with the sides of the adjacent strip of impermeable membrane.

Subsequently, heat is applied to the overlapping portion of the sides of each strip using a blowtorch or other heat device 610. As a result, the sides 612, 614 of the two strips 602, 604 of the water impermeable membrane are melded together, thereby producing a seam that is also water impermeable.

[0038] FIG. 7 is an illustration showing two strips 602, 604 of the impermeable membrane being fastened together using a roller device 702, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 7 shows that the sides 612, 614 of the two strips 602, 604 of the water impermeable membrane were placed such that the sides of each strip overlap and heat was applied to the overlapping portion so that the sides 612, 614 of the two strips 602, 604 of the water impermeable membrane were melded together, thereby producing a seam that is also water impermeable. FIG. 7 shows that a roller 702 is applied to the overlapping portion or seam so as to secure the sides 612, 614 of the two strips 602, 604 of the water impermeable membrane together. The roller 702 may comprise a leather cylinder 704 that rotates as it rolls over the overlapping portion, thereby patting down any bubbles or undulations in the overlapping portion. The purpose of applying the roller 702 is to flatten the overlapping portion or seam as much as possible, resulting in a stronger seam and a flatter surface that optimizes water runoff.

[0039] FIG. 8 is an illustration of a perspective view of the residential structure 100 with a damaged roof 102, showing the proposed system and method for temporary protection of a damaged roof completely applied, according to an example embodiment. FIG. 8 shows that multiple rolls 110 of the impermeable membrane have been draped on top of the damaged roof 102 of the residential structure 100 in the same direction and the sides of each unrolled strip of impermeable membrane have been melded to adjacent unrolled strips of impermeable membrane, such that the entire roof is covered in the impermeable membrane. Finally, sandbags may be placed on top of the impermeable membrane that has been draped over the

roof, in order to hold the impermeable membrane on top of the roof. FIG. 8 shows that the construction material 302 on the eaves of the roof has been wrapped in the end of the unrolled strip 202 in a clockwise direction so that the open end of the roll faces downwards. This reduces or eliminates the pooling of water in the open end of the roll.

[0040] FIG. 9 is another illustration showing construction material 902 in the process of being wrapped in the impermeable membrane 304, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. In FIG. 9, the construction material 902 is rolled in the end of the unrolled strip 202 in a counterclockwise direction 919 so that an open end of the roll faces upwards. FIG. 9 shows the roll 110 of impermeable membrane has been unrolled to such a length that the end of the unrolled strip 202 overhangs the eaves of the damaged roof 102 of the residential structure. FIG. 9 shows that the end of the unrolled strip 202 (which was rolled around the construction material 902) has been attached to the construction material 902 via a fastener 309, which is a staple.

[0041] FIG. 10 is an illustration showing construction material 902 completely wrapped in the impermeable membrane 304 and attached to the damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 10 shows that the construction material 902 has been wrapped in the end of the unrolled strip 202, which overhangs the eaves of the damaged roof 102.

[0042] FIG. 11 is an illustration showing a cross-sectional view of construction material 902 completely wrapped in the impermeable membrane 304 and attached to the damaged roof 102, as the proposed system and method for temporary protection of a damaged roof is applied, according to an example embodiment. FIG. 11 shows that the construction material 902 has been wrapped in the end of the unrolled strip 202 in a counterclockwise direction so that the open end of the roll faces upwards. The construction material 902 may be

wrapped such that the end of the unrolled strip 202 completely surrounds the construction material 1-time, 2-times or, alternatively, 3-4 times. I.e., in one embodiment, construction material 902 is wrapped 1-time, 2-times or, alternatively, 3-4 times in the end of the unrolled strip. FIG. 11 shows that the end of the unrolled strip 202 (after wrapping the construction material 902) has been attached to the construction material 902 via a nail 502.

[0043] FIG. 12 is another illustration of a perspective view of the residential structure 100 with a damaged roof 102, showing the proposed system and method for temporary protection of a damaged roof completely applied, according to an example embodiment. FIG. 12 shows that multiple rolls 110 of the impermeable membrane have been draped on top of the damaged roof 102 of the residential structure 100 in the same direction and the sides of each unrolled strip of impermeable membrane have been melded to adjacent unrolled strips of impermeable membrane, such that the entire roof is covered in the impermeable membrane. FIG. 12 shows that the construction material 902 on the eaves of the roof has been wrapped in the end of the unrolled strip 202 in a counterclockwise direction so that the open end of the roll faces upwards.

[0044] FIG. 13 is an illustration showing how an end of the strip of membrane is cut, according to an example embodiment. In one embodiment, the method or process of attaching the ends of the unrolled strip 1304 to the eaves of the damaged roof 102 occurs as follows. A first unrolled strip 1304 of the impermeable membrane 1302 is draped over the roof 102, wherein the end of the strip overhangs the eaves of the roof. Then, a wood plank 1306 is placed horizontally under the end of the strip 1304 that overhangs the eaves of the roof, such that the wood plank is placed below the eaves of the roof. The wood plank is placed far enough below the eaves of the roof such that when the wood plank is rolled up in the end of the strip, the wood plank is at the height of the eaves of the roof. Next, the right side of the strip 1304 is cut (using a cutting device, such as scissors 1320) vertically along a line 1314 to substantially

match the length of the wood plank 1306. Also, the left side of the strip 1304 is cut vertically along a line 1312 to substantially match the length of the wood plank 1306. Next, the end of the strip 1304 is cut horizontally along a line 1310 below the wood plank 1306. Then, the wood plank is rolled in the strip 1304 as described above. Subsequently, the wood plank is fastened to the end of the strip using a plurality of staples. Next, the wood plank is rolled at least one, two or three full turns in the end of the strip, such that the wood plank is at a height of the eaves of the roof. Then, the wood plank that was rolled in the end of the strip is attached to the eaves of the roof using a plurality of nails.

[0045] Embodiments may be described above with reference to functions or acts, which comprise methods. The functions/acts noted above may occur out of the order as shown or described. For example, two functions/acts shown or described in succession may in fact be executed substantially concurrently or the functions/acts may sometimes be executed in the reverse order, depending upon the functionality/acts involved. While certain embodiments have been described, other embodiments may exist. Further, the disclosed methods' functions/acts may be modified in any manner, including by reordering functions/acts and/or inserting or deleting functions/acts, without departing from the spirit of the claimed subject matter.

[0046] Although the subject matter has been described in language specific to structural features and/or methodological acts, it is to be understood that the subject matter defined in the appended claims is not necessarily limited to the specific features or acts described above. Rather, the specific features and acts described above are disclosed as example forms of implementing the claims.

[0047] What is claimed is:

CLAIMS:

1. A method for covering a roof with an impermeable membrane, comprising:
 - a) draping a strip of the impermeable membrane over the roof, wherein an end of the strip overhangs the eaves of the roof;
 - b) placing a rigid, elongated piece of construction material under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof;
 - c) cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material;
 - d) fastening the construction material to the end of the strip using a plurality of first fasteners;
 - e) rolling the construction material at least one full turn in the end of the strip that overhangs the eaves of the roof;
 - f) attaching the construction material that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners; and
 - g) repeating steps a) through f) until the entire roof is covered in the impermeable membrane.
2. The method of claim 1, further comprising:
 - h) overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof.
3. The method of claim 2, further comprising:

i) applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip, and applying heat using said heat source to the entire impermeable membrane, so as to shrink the entire impermeable membrane.

4. The method of claim 3, further comprising:

j) placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof.

5. The method of claim 4, wherein the rigid, elongated piece of construction material comprises a wood plank.

6. The method of claim 5, wherein the first fasteners comprise staples.

7. The method of claim 6, wherein the second fasteners comprise nails.

8. A method for covering a roof with an impermeable membrane, comprising:
- a) draping a strip of the impermeable membrane over the roof, wherein an end of the strip overhangs the eaves of the roof;
 - b) placing a wood plank under the end of the strip that overhangs the eaves of the roof, such that the wood plank is placed below the eaves of the roof;
 - c) cutting the end of the strip such that it is coextensive with a length of the wood plank and cutting the end of the strip below the wood plank;
 - d) fastening the wood plank to the end of the strip using a plurality of first fasteners;
 - e) rolling the wood plank at least three full turns in the end of the strip that overhangs the eaves of the roof, such that the wood plank is at a height of the eaves of the roof;
 - f) attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of second fasteners; and
 - g) repeating steps a) through f) until the entire roof is covered in the impermeable membrane.
9. The method of claim 8, further comprising:
- h) overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof.
10. The method of claim 9, further comprising:
- i) applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip.
11. The method of claim 10, further comprising:

- j) placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof.
- 12. The method of claim 11, wherein the first fasteners comprise staples.
- 13. The method of claim 12, wherein the second fasteners comprise nails.

14. A method for covering a roof with an impermeable membrane, comprising:

- a) draping a strip of the impermeable membrane over the roof, wherein an end of the strip overhangs the eaves of the roof;
- b) placing a wood plank under the end of the strip that overhangs the eaves of the roof, such that the wood plank is placed below the eaves of the roof;
- c) cutting the end of the strip such that it is coextensive with a length of the wood plank and cutting the end of the strip below the wood plank;
- d) fastening the wood plank to the end of the strip using a plurality of staples;
- e) rolling the wood plank at least three full turns in the end of the strip that overhangs the eaves of the roof, such that the wood plank is at a height of the eaves of the roof;
- f) attaching the wood plank that was rolled in the end of the strip to the eaves of the roof using a plurality of nails; and
- g) repeating steps a) through f) until the entire roof is covered in the impermeable membrane.

15. The method of claim 14, further comprising:

- h) overlapping at least three inches of a first strip of the impermeable membrane that has been draped over the roof with a second strip of the impermeable membrane that has been draped over the roof.

16. The method of claim 15, further comprising:

- i) applying heat using a heat source to a portion of the first strip that overlaps the second strip, so as to meld the portion of the first strip with the second strip, and applying heat using said heat source to the entire impermeable membrane, so as to shrink the entire impermeable membrane.

17. The method of claim 16, further comprising:
- j) placing sandbags on top of the impermeable membrane that has been draped over the roof, in order to hold the impermeable membrane on top of the roof.

ABSTRACT

A system and method for temporary protection of a damaged roof is provided. The method includes draping a strip of an impermeable membrane over the roof, wherein the end of the strip overhangs the eaves of the roof, placing a rigid, elongated piece of construction material under the end of the strip that overhangs the eaves of the roof, such that the construction material is placed below the eaves of the roof, cutting the end of the strip such that it is coextensive with a length of the construction material and cutting the end of the strip below the construction material, fastening the construction material to the end of the strip, rolling the construction material at least one full turn in the end of the strip, attaching the construction material to the eaves of the roof, and repeating the steps above until the roof is covered in the impermeable membrane.