

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH C COBB	09/29/2023
JEFFREY CACIOPPO	10/02/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAM COMPANIES, LLC
<b>Street Address:</b>	3535 VADNAIS CENTER DRIVE
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55110
<b>PROPERTY NUMBERS Total: 12</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	62751317
PCT Number:	US2019057337
Application Number:	62751441
PCT Number:	US2019057343
Application Number:	17110890
Application Number:	18170325
Application Number:	62797761
Application Number:	16774067
Application Number:	62990487
PCT Number:	US2021019762
Application Number:	63144083
PCT Number:	US2022014498
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	ipgroup@larkinhoffman.com
<b>Correspondent Name:</b>	TODD R. FRONEK
<b>Address Line 1:</b>	8300 NORMAN CENTER DR SUITE 1000
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55437

PATENT

<b>NAME OF SUBMITTER:</b>	TODD R FRONEK
<b>SIGNATURE:</b>	/Todd R. Fronek/
<b>DATE SIGNED:</b>	10/04/2023
<b>Total Attachments: 5</b> source=Confirmatory Patent Assignment Inventors to Ram Companies LLC#page1.tif source=Confirmatory Patent Assignment Inventors to Ram Companies LLC#page2.tif source=Confirmatory Patent Assignment Inventors to Ram Companies LLC#page3.tif source=Confirmatory Patent Assignment Inventors to Ram Companies LLC#page4.tif source=Confirmatory Patent Assignment Inventors to Ram Companies LLC#page5.tif	

## CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment ("**Confirmatory Assignment**") is executed effective as of October 1, 2023, by Joseph C. Cobb and Jeffrey Cacioppo (each hereinafter referred to as "**Inventor**"), for the benefit of Ram Companies, LLC, a Minnesota limited liability company with its principal place of business located at 3535 Vadnais Center Drive, St. Paul, Minnesota 55110 ("**Company**").

WHEREAS, Inventor has invented one or more of certain new and useful inventions as disclosed and/or claimed in the following patents and patent applications listed on **Schedule A**, which is attached hereto (the "**Patents**");

WHEREAS, Inventor has assigned the entire right, title and interest in and to the Patents to Roof Asset Management USA, Ltd. ("**Assignor**") and hereby desires to confirm assignment of the Patents to Assignor for the benefit of Company in connection with that certain Asset Purchase Agreement effective as of October 1, 2023, (the "**APA**"), under which Assignor agreed to transfer and convey to Company certain assets of the Assignor, which include the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

Inventor hereby confirms that it has irrevocably and forever assigned, granted, conveyed and transferred to the Assignor all of Inventor's right, title and interest in and to the Patents. To the extent that any such rights were not previously conveyed to the Assignor, Inventor hereby irrevocably and forever assigns, grants, conveys and transfers to the Company all of Inventor's right, title and interest in and to the Patents.

Inventor covenants and agrees, upon request by Company, without additional compensation, but at no expense to Company, to execute or assent to foreign applications, and to execute all papers, assignments or other documents as requested by Company, and Inventor covenants to provide testimony by affidavit or otherwise on behalf of Company in any proceeding before the United States Patent and Trademark Office ("USPTO"), foreign patent authority, state or federal court, or other decision-making body, and that, in general, Inventor covenants to cooperate fully with Company as necessary or desirable to vest the enjoyment of, and to secure, perfect, maintain or enforce said entire right, title and interest in and to said Patents and any patents issuing therefrom or related thereto in and to Company. Inventor further covenants that no instrument has been executed that is contrary to this Confirmatory Assignment nor has Inventor taken any action contrary to this Confirmatory Assignment nor will Inventor do so in the future.

The Commissioner of Patents and the officials with comparable authority over patents in foreign countries are hereby authorized and directed to issue in the name of Company, or as otherwise directed by Company, any and all patents which may issue from said Patents.

Copies of an executed version of this Confirmatory Assignment may be treated as an original for all purposes.

IN WITNESS WHEREOF, Inventor has caused this instrument to be duly executed as of the date first written above.

Inventor:  
Joseph C. Cobb

Signed: \_\_\_\_\_

DocuSigned by:  
*Joseph C. Cobb*  
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9/29/2023

\_\_\_\_\_  
Date:

Inventor:  
Jeffrey Cacioppo

Signed: \_\_\_\_\_

DocuSigned by:  
*Jeffrey Cacioppo*  
BC5C94F8A21B4C5...

10/2/2023

\_\_\_\_\_  
Date:

Company:  
Ram Companies, LLC

By: \_\_\_\_\_  
Lance Mueffelman  
Its: Treasurer

DocuSigned by:  
*Lance Mueffelman*  
C9FD7541BBAF421...

9/29/2023

\_\_\_\_\_  
Date:

**SCHEDULE A**

<b><i>Patent No./Publication No.</i></b>	<b><i>Title</i></b>	<b><i>Application No.</i></b>	<b><i>Application Date</i></b>	<b><i>Issue Date/Pub. Date</i></b>
N/A	System for monitoring the integrity of a roof	US 62/751,317	10/26/2018	N/A
WO 2020/086518	System for monitoring the integrity of a roof	PCT/US19/57337	10/22/2019	4/30/2020
US 2021/0381919	System for monitoring the integrity of a roof	US 17/286,862	4/20/2021	12/9/2021
N/A	Method for detecting anomalies on or in the surface of a structure	US 62/751,441	10/26/2018	N/A
WO 2020/086523	Method for detecting anomalies on or in the surface of a structure	PCT/US19/57343	10/22/2019	4/30/2020
US 10,872,404	Method for detecting anomalies on or in the surface of a structure	US 16/761,671	5/5/2020	12/22/2020
US 11,587,220	Method for detecting anomalies on or in the surface of a structure	US 17/110,890	12/03/2020	2/21/2023

<b><i>Patent No./Publication No.</i></b>	<b><i>Title</i></b>	<b><i>Application No.</i></b>	<b><i>Application Date</i></b>	<b><i>Issue Date/Pub. Date</i></b>
US 2023/0196544	Method for detecting anomalies on or in the surface of a structure	US 18/170,325	2/16/2023	6/22/2023
CA 3115829	Method for detecting anomalies on or in the surface of a structure	CA 3115829	10/22/2019	4/30/2020
EP 3871188	Method for detecting anomalies on or in the surface of a structure	EP 20190875025	10/22/2019	9/1/2021
N/A	Method and system for evaluating and repairing a surface and/or subsurface	US 62/797,761	1/28/2019	N/A
US 11,339,540	Method and system for evaluating and repairing a surface and/or subsurface	US 16/774,067	1/28/2020	5/24/2022
N/A	Method for evaluating artificial lighting of a surface	US 62/990,487	3/17/2020	N/A
WO 2021/188277	Method for evaluating artificial lighting of a surface	PCT/US21/19762	2/26/2021	9/23/2021

<i><b>Patent No./Publication No.</b></i>	<i><b>Title</b></i>	<i><b>Application No.</b></i>	<i><b>Application Date</b></i>	<i><b>Issue Date/Pub. Date</b></i>
US 11,287,314	Method for evaluating artificial lighting of a surface	US 17/417,578	6/23/2021	3/9/2022
CA 3169767	Method for evaluating artificial lighting of a surface	CA 3169767	2/26/2021	9/23/2021
N/A	System for monitoring conditions at a location	US 63/144,083	2/1/2021	N/A
WO 2022/165303	System for monitoring conditions at a location	PCT/US22/14498	1//31/2022	8/4/2022
N/A	System for monitoring conditions at a location	18/261,870	-	N/A

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