

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BRUCE BIER	05/24/2019
	JEFFREY L. MADDEN	05/24/2019
RECEIVING PARTY DATA		
Name:	RICHARDS MANUFACTURING COMPANY SALES INC.	
Street Address:	517 LYONS AVENUE	
City:	IRVINGTON	
State/Country:	NEW JERSEY	
Postal Code:	07111	
PROPERTY NUMBERS Total: 3		
	Property Type	Number
	Patent Number:	9048638
	Application Number:	14727825
	Application Number:	16798320
CORRESPONDENCE DATA		
Fax Number:		
<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>		
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ATTORNEY DOCKET NUMBER:	RIC011-014	
NAME OF SUBMITTER:	RYAN S. MCPHEE	
SIGNATURE:	/Ryan S. McPhee/	
DATE SIGNED:	08/31/2021	
Total Attachments: 4		
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ASSIGNMENT

This assignment is made and entered into as of the date of the last signature below ("Effective Date"), by and between Bruce Bier, of Warren, New Jersey, and Jeffrey L. Madden, of Bernardsville, New Jersey ("Assignors"), and Richards Manufacturing Company Sales Inc., a New Jersey Corporation with an address at 517 Lyons Avenue, Irvington, New Jersey 07111 ("Assignee").

WHEREAS, Assignors are the inventors of the invention(s) described in:

- United States Patent Application 13/744,337, now United States Patent No. 9,048,638, entitled "7-Way Crab Joint," filed January 17, 2013; and
- United States Patent Application 14/727,825, entitled "7-Way Crab Joint," filed on June 1, 2015;

(collectively, the "Patent Assets"); and

WHEREAS, Assignee desires to acquire and Assignors desire to assign all right, title and interest in and to the Patent Assets.

NOW, THEREFORE, for good and valuable consideration of which the receipt is hereby acknowledged, Assignors hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the Patent Assets and all continuations, divisions and renewals thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for intellectual property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said Patent Assets under the laws of the United States of

America, the Paris Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of intellectual property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States of America and all extensions, renewals and reissues thereof.

Assignors authorize and request the Commissioner for Patents to record Assignee as the owner of the Patent Assets, including any continuations, divisions, continuations-in-part, reissues, reexaminations or extensions thereof, and to issue any and all letters patents of the United States thereon to Assignee, as assignee of the entire right, title and interest in and to the same, for the sole use and enjoyment of Assignee, its heirs, successors, assigns or other legal representatives.

Assignors hereby represent and warrant that Assignors' right, title and interest in and to the Patent Assets is free and clear of any liens or encumbrances, that Assignors have the full right to assign all of Assignors' interest therein, and that Assignors have not executed and will not execute any agreement or other instrument in conflict herewith.

Assignors grant to Assignee the full right to sue for and recover all profits and damages recoverable for past infringement of the invention(s), the Patent Assets, and any patent or patents that may be obtained therefor, for Assignee's use and behalf, and for the use and behalf of Assignee's heirs, successors, assigns and other legal representatives.

Assignors and Assignee shall use their respective commercially reasonable best efforts to take, or cause to be taken, all action, and to do, or cause to be done, all things necessary, proper, or advisable under the applicable laws and regulations to consummate and make effective the

assignment contemplated by this Assignment. If at any time after the Effective Date any further action is necessary or desirable to carry out the purposes of this Assignment, the parties hereto shall take or cause to be taken all such necessary action, including, without limitation, the execution and delivery of such further instruments and documents as may be reasonably requested by the other party for such purposes or otherwise to consummate and make effective this Assignment.

IN TESTIMONY WHEREOF, I hereunto set my hand the day and year opposite my signature.

Date: 05/24/2019.

Signature: Bruce Bier
Bruce Bier

STATE OF NJ)
COUNTY OF Essex) SS: -

On this 24th day of May, 2019, before me, a Notary Public in and for the State and County aforesaid, personally appeared Bruce Bier known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

CAMELIA SIA
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # 60096138
MY COMMISSION EXPIRES JAN. 3, 2024

IN TESTIMONY WHEREOF, I hereunto set my hand the day and year opposite my signature.

Date: 05/24/2019

Signature: [Signature]
Jeffrey L. Madden

STATE OF NJ)
COUNTY OF ESSEX) SS:

On this 24th day of May, 2019, before me, a Notary Public in and for the State and County aforesaid, personally appeared Jeffrey L. Madden, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

[Signature]
GAMELIA SIA
NOTARY PUBLIC
Notary Public STATE OF NEW JERSEY
ID # 50098138
MY COMMISSION EXPIRES JAN. 3, 2024