

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8022991

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AXION STRUCTURAL INNOVATIONS	05/06/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PLASTIC TIES FINANCING LLC
<b>Street Address:</b>	5515 SECURITY LANE, SUITE 1115
<b>City:</b>	ROCKVILLE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20852
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17678128
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(844)670-6009
<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>Phone:</b>	2484337382
<b>Email:</b>	DWpatents@dickinson-wright.com
<b>Correspondent Name:</b>	ROBERT L. STEARNS
<b>Address Line 1:</b>	2600 W. BIG BEAVER ROAD, SUITE 300
<b>Address Line 4:</b>	TROY, MICHIGAN 48034
<b>ATTORNEY DOCKET NUMBER:</b>	57075-89
<b>NAME OF SUBMITTER:</b>	ROBERT L. STEARNS
<b>SIGNATURE:</b>	/Robert L. Stearns/
<b>DATE SIGNED:</b>	06/23/2023
<b>Total Attachments: 4</b>	
source=57075_Transfer from Axion to Plastic Ties Financing LLC#page1.tif	
source=57075_Transfer from Axion to Plastic Ties Financing LLC#page2.tif	
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**PATENT ASSIGNMENT**

THIS ASSIGNMENT, with an effective date of May 6, 2021, by and between **Axion Structural Innovations**, having an address at 1100 Brandywine Blvd, Suite H, Zanesville, OH 43701, USA, (hereinafter ASI), and **Plastic Ties Financing LLC**, a Maryland limited liability company located at 5515 Security Lane, Suite 1115, Rockville, Maryland 20852, USA (hereinafter PTF).

WHEREAS, ASI is desirous of assigning its interest in and to its intellectual property, including the patents and applications identified in Schedule A and to any and all patents granting therefrom (hereinafter PATENTS AND PATENT APPLICATIONS);

WHEREAS, PTF is desirous of owning the entire right, title and interest in and to said PATENTS AND PATENT APPLICATIONS, including the right to sue for past damages.

NOW THEREFORE:

For one dollar (\$1) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound thereby, ASI and PTF agree as follows:

1. ASI does hereby assign, convey, sell, and set over to PTF, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, throughout the world, in and to said PATENTS AND PATENT APPLICATIONS, to have and to hold the interests herein assigned to the full ends of the terms of the PATENT AND PATENT APPLICATIONS and any and all divisions, reissues, continuations, continuations-in-part, reexaminations, substitutions, renewals, and/or extensions thereof respectively, including the right of PTF, its successors, assigns or other legal representatives to make applications and to receive PATENTS AND PATENT APPLICATIONS for inventions and discoveries therein in any and all foreign countries/regions in its name, at its election as well as the right to sue for past infringement and recover any damages for same, and ASI hereby assigns, conveys, sells and sets over to PTF, its successors, assigns, or other legal representatives, all rights of priority in and to the PATENTS AND PATENT APPLICATIONS and inventions and discoveries therein in all countries/regions to be held and enjoyed by PTF for its own use and benefit, and for the benefit of its legal representatives, successors and assigns to the full end of the terms of all of the PATENTS AND PATENT APPLICATIONS which may be granted on the inventions as fully and entirely as the same would have been held and enjoyed by ASI had this assignment not be made.

2. ASI represents and warrants that ASI is the sole and exclusive lawful owner of all rights, title, and interest in and to the PATENTS AND PATENT APPLICATIONS; that the PATENTS AND PATENT APPLICATIONS have not been assigned or otherwise transferred, encumbered or affected by ASI; and that the ASI has the authority and full right to make this ASSIGNMENT.

3. ASI further covenants and agrees that PTF will, upon its request, be provided promptly with all pertinent facts and documents relating to the PATENTS AND PATENT APPLICATIONS as may be known and accessible to ASSIGNOR and will testify as to the same in an interference or litigation related thereto and will promptly execute and deliver to PTF or its legal representative any and all papers, instruments or affidavits that may be necessary or desirable to apply for, obtain, maintain, issue and enforce and to perfect the title to any of the PATENTS AND PATENT APPLICATIONS, divisions, reissues, continuations, continuations-in-part, reexaminations, substitutions, renewals, and/or extensions thereof in the United States or any foreign countries/regions that may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASI and PTF hereto have executed this ASSIGNMENT as of the day and year above written.

**Axion Structural Innovations**

DocuSigned by:  
By: Allen Kronstadt  
Name: **Allen Kronstadt**

Title: General Partner  
Axion Structural Innovations

**Plastic Ties Financing, LLC**

DocuSigned by:  
By: Allen Kronstadt  
Name: **Allen Kronstadt**

Title: General Partner  
Plastic Ties Financing, LLC

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AK

## SCHEDULE A

Serial No.	Patent No.		Title	Filing Date	Grant Date
16/179,123	11,280,079	US	Structural Reinforced Composite Construction Mat	11-02-18	03-22-22
16/179,178		US	Structural Reinforced Composite Beam	11-02-18	
2018359841		AU	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same	05-21-20	
3081570		CA	Structural Reinforced Composite Construction Mat	05-01-20	
18814725.0	3704306	EP	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same	11-03-18	01-05-22
10-2020-7015877		KR	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same	11-03-18	
764634		NZ	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same	05-21-20	
1-2020-550540		PH	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same	11-03-18	
2018360671		AU	Structural Reinforced Composite Beam	11-03-18	
3081579		CA	Structural Reinforced Composite Beam	05-01-20	
18811991.1		EP	Structural Reinforced Composite Beam	11-03-18	
10-2020-7015882		KR	Structural Reinforced Composite Beam	11-03-18	
764337		NZ	Structural Reinforced Composite Beam	11-03-18	

Serial No.	Patent No.		Title	Filing Date	Grant Date
1-2020-550542		PH	Structural Reinforced Composite Beam	11-03-18	
	3704306	DE	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same		01-05-22
	3704306	FR	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same		01-05-22
	3704306	PL	Mat Assembly For Use in Construction And Method of Construction Or Repairing Same		01-05-22
17/668,227		US	Structural Reinforced Composite Construction Mat	02-09-22	
17/678,128		US	Structural Reinforced Composite Construction Mat	02-23-22	
	3704325	IT	Structural Reinforced Composite Beam		06-08-22
	3704325	GB	Structural Reinforced Composite Beam		06-08-22
	3704325	DE	Structural Reinforced Composite Beam		06-08-22
	3704325	FR	Structural Reinforced Composite Beam		06-08-22