

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8371816

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	NEXII BUILDING SOLUTIONS INC.	06/08/2022
RECEIVING PARTY DATA		
Name:	HORIZON TECHNOLOGY FINANCE CORPORATION	
Street Address:	312 FARMINGTON AVENUE	
City:	FARMINGTON	
State/Country:	CONNECTICUT	
Postal Code:	06032	
PROPERTY NUMBERS Total: 19		
Property Type	Number	
Patent Number:	10961708	
Patent Number:	11214964	
Patent Number:	9649662	
Patent Number:	9649663	
Application Number:	17551045	
Application Number:	17480021	
Application Number:	17402384	
Application Number:	17402380	
Application Number:	17402374	
Application Number:	17402372	
Application Number:	17402377	
Application Number:	17220619	
Application Number:	17217764	
Application Number:	17214690	
Application Number:	17214687	
Application Number:	17216390	
Application Number:	16783068	
Application Number:	18095918	
Application Number:	17843907	

CORRESPONDENCE DATA**Fax Number:** (502)587-6391*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.***Phone:** 502-587-3400**Email:** dnagle@stites.com**Correspondent Name:** DAVID W. NAGLE, JR.**Address Line 1:** 400 WEST MARKET ST.**Address Line 2:** SUITE 1800**Address Line 4:** LOUISVILLE, KENTUCKY 40202

NAME OF SUBMITTER:	DAVID W. NAGLE, JR.
SIGNATURE:	/david w. nagle, jr./
DATE SIGNED:	01/09/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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GRANT OF SECURITY INTEREST
PATENTS

THIS GRANT OF SECURITY INTEREST ("Agreement"), dated as of June 8, 2022, is executed by NEXII BUILDING SOLUTIONS INC., a corporation existing under the laws of the province of British Columbia, with an address of 200-1455 West Georgia St., Vancouver, Canada V6G 2T3 ("Debtor"), in favor of HORIZON TECHNOLOGY FINANCE CORPORATION, a Delaware corporation, with an address of 312 Farmington Avenue, Farmington, Connecticut 06032, as Collateral Agent (as defined in the Loan Agreement), on behalf of Lender (as defined below) ("Secured Party").

A. Pursuant to a certain Amended and Restated Venture Loan and Security Agreement, dated as of June 8, 2022 (as amended, restated or supplemented from time to time, the "Loan Agreement"), by and between Debtor, the other borrowers party thereto (collectively with Debtor, "Borrower"), Secured Party and the Lenders (as defined in the Loan Agreement, collectively "Lender"), Lender has agreed to extend credit to Borrower upon the terms and subject to the conditions set forth therein;

B. Debtor owns the patents and/or applications for patents, more particularly described on Schedules 1-A and 1-B annexed hereto as part hereof (collectively, the "Patents");

C. Pursuant to the Loan Agreement, Debtor has granted to Secured Party and Lender a security interest in all right, title and interest of Debtor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations (as defined in the Loan Agreement);

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Party and Lender a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

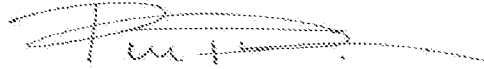
Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party and Lender with respect to the security interest in the Collateral granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

This Agreement shall be governed by, and construed and enforced in accordance with, the laws of State of Connecticut.

[Remainder of page intentionally left blank.]

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first written above.

NEXII BUILDING SOLUTIONS INC.

A handwritten signature in black ink, appearing to read "Bill Tucker", is written over a horizontal line.

By: _____
Name: Bill Tucker
Title: CEO

SCHEDULE 1-A TO GRANT OF SECURITY INTEREST
PATENTS

	Patent # (Application #)	Title
1	10961708 (16274460)	<i>Prefabricated insulated building panel with cured cementitious layer bonded to insulation</i>
2	11214964 (16442292)	<i>Reinforced structural insulation panel with corner blocks</i>
3	9649662 (13964391)	<i>Seamless reinforced concrete structural insulated panel</i>
4	9649663 (13964391)	<i>Seamless reinforced concrete structural insulated panel</i>

SCHEDULE 1-B TO GRANT OF SECURITY INTEREST
PATENT APPLICATIONS

	Publication # (Application #)	Title
1	20220106791 (17551045)	<i>Reinforced structural insulation panel with corner blocks</i>
2	20220090380 (17480021)	<i>Encapsulated prefabricated panel</i>
3	20220049504 (17402384)	<i>System and methods for providing seals between adjacent building panels</i>
4	20220049502 (17402380)	<i>Systems and methods for retrofitting an existing building</i>
5	20220049497 (17402374)	<i>Systems and methods for sealing a prefabricated panel</i>
6	20220049496 (17402372)	<i>Systems and methods for thermal breaking of a prefabricated panel</i>
7	20220049488 (17402377)	<i>Systems and methods for constructing a multi-storey building</i>
8	20210348387 (17220619)	<i>Systems and methods for coupling prefabricated panels together and reinforcing frame structure</i>
9	20210301529 (17217764)	<i>Systems and methods for adhering cladding</i>
10	20210301528 (17214690)	<i>Systems and methods for constructing a single-storey building</i>
11	20210301527 (17214687)	<i>Prefabricated panel with multi-layer cementitious coverings</i>
12	20210238849 (17216390)	<i>Prefabricated insulated building panel with cured cementitious layer bonded to insulation</i>

13	20210238843 (16783068)	<i>Horizontal building panel with connector block assembly</i>
14	20200392731 (16442292)	<i>Reinforced structural insulation panel with corner blocks</i>
15	20230220662 (18095918)	<i>Systems and methods for coupling prefabricated panels to structures</i>
16	20220403653 (17843907)	<i>Prefabricated building panels and methods for constructing buildings</i>

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