506361691 11/18/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAMID SAADATMANESH	12/06/2019
EHSAN MAHMOUDABADI	12/06/2019
FAROKH MEHRSHAHI	12/06/2019

RECEIVING PARTY DATA

Name:	CARBOSHIELD, INC.	
Street Address:	2820 E FT. LOWELL	
City:	TUCSON	
State/Country:	ARIZONA	
Postal Code:	85716	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17099375
PCT Number:	US2060775

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	CARBO 19.01 NP, PCT	
NAME OF SUBMITTER:	QUAN NGUYEN	
SIGNATURE:	/Quan Nguyen/	
DATE SIGNED:	11/18/2020	

Total Attachments: 2

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PATENT 506361691 REEL: 054411 FRAME: 0188

ASSIGNMENT

"INVENTOR" means:

Hamid Saadatmanesh, an individual with an address at 2820 E Ft. Lowell, Tucson AZ 85716; **Ehsan Mahmoudabadi,** an individual with an address at 2820 E Ft. Lowell, Tucson AZ 85716; and **Farokh Mehrshahi,** an individual with an address at 2820 E Ft. Lowell, Tucson AZ 85716.

"INVENTIONS" means all inventions and discoveries made by the INVENTOR (or persons working with, under the direction or supervision of, or on behalf of, the INVENTOR) relating to APPARATUS AND METHOD FOR REINFORCING A PARTIALLY SUBMERGED STRUCTURAL ELEMENT and all information, data, know-how, and materials pertinent to any of the foregoing, whether or not included or claimed in any PATENT or PATENT APPLICATION.

"PATENT" means a patent or Certificate of Invention or Utility Model or Design Registration or other form of protection for the INVENTIONS issued by a government or governmental agency, including any reexamination certificates, reissues, renewals and extensions thereof.

"PATENT APPLICATION" means an application for a PATENT, including any divisionals, continuations, continuations-in-part, continuing applications, additions and substitutions thereof, claiming any INVENTION, including, without limitation, U.S. Non-Provisional Patent Application No. 17/099,375 filed November 16, 2020 and U.S. Patent Application No. PCT/US20/60775 filed November 16, 2020.

"PATENT RIGHTS" means (a) all right, title and interest in and to the INVENTIONS, any PATENT APPLICATIONS filed or to be filed, and any PATENTS issued or issuing on such PATENT APPLICATIONS; (b) the right to file PATENT APPLICATIONS on any INVENTION and to have any PATENTS issued in the name of the owner or assignee, and (c) the right to claim any priority right to which the INVENTOR or anyone claiming under the INVENTOR may be entitled, including, without limitation, rights to claim priority to U.S. Provisional Patent Application No. 62/936,151 filed November 15, 2019, U.S. Non-Provisional Patent Application No. 17/099,375 filed November 16, 2020 and U.S. Patent Application No. PCT/US20/60775 filed November 16, 2020.

CARBOSHIELD, INC. (hereinafter "**ASSIGNEE**") is an Arizona business entity located at 2820 E Ft. Lowell, Tucson AZ, 85716.

- 1. In consideration of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, INVENTOR hereby assigns, sells and transfers to ASSIGNEE all his/her right, title and interest in and to the INVENTIONS and PATENT RIGHTS. Further, INVENTOR grants ASSIGNEE the right to claim priority to any PATENT APPLICATION.
- 2. This assignment shall allow ASSIGNEE to file PATENT APPLICATIONS in its own name (but naming the INVENTOR as an inventor) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the Paris Convention or the Patent Cooperation Treaty.
- 3. INVENTOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and all other patent authorities and agencies to issue to ASSIGNEE all PATENTS that may be granted.

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- 3. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and all other patent authorities and agencies to issue to ASSIGNEE all PATENTS that may be granted.
- 4. The ASSIGNOR agrees to execute any and all further documents that ASSIGNEE considers necessary or appropriate to fully protect and perfect ASSIGNEE 's interest in the INVENTIONS and PATENT RIGHTS. Further, ASSIGNOR hereby authorizes ASSIGNEE to sign on behalf of ASSIGNOR any necessary documents to advance, perfect, and protect Patent Rights, if after reasonable due diligence the necessary signature from ASSIGNOR cannot be obtained.
- 5. The ASSIGNOR represents and covenants that they have not granted any right or license to make, use or sell the INVENTIONS or PATENT RIGHTS to anyone.
- 6. The ASSIGNOR also represents and covenants that no consents of any other parties are necessary to give legal effect to the assignment made hereby, that ASSIGNEE shall have good and marketable title to the INVENTIONS and PATENT RIGHTS, free and clear of all liens, encumbrances, licenses or charges of any nature whatsoever, and that he has not signed and will not sign any document that conflicts with this assignment, except for documents necessary to memorialize or protect the rights, if any, of the U.S. Government in the INVENTIONS.

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ASSIGNOR	
Print Name: Hamid Saadatmanesh	
Signature: Hand June	
Date: Dec 6, 2019	
Print Name: Ehsan Mahmoudabadi	
Signature: /////	
Date: <u>/2/6/2019</u>	
Print Name: <u>Farokh Mehrshahi</u>	_
Signature:	
Date: 12/4/2019	
ASSIGNEE , ,	
Print Name: Hanid Spacketing	ianes b
Signature: Haw Soulet	
Title:CE 0	of CARBOSHIELD, INC.
Date: Dec 6, 2010	

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