PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the MIDDLE INITIAL OF THE INVENTOR'S NAME previously recorded on Reel 045012 Frame 0153. Assignor(s) hereby confirms the ASSIGNMENT. |
| RESUBMIT DOCUMENT ID: | 504968380 |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| MICHAEL E. YURCHENKO | 12/28/2017 |

RECEIVING PARTY DATA

| Name: | Hexcel Corporation |
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| Street Address: | 11711 Dublin Boulevard |
| City: | Dublin |
| State/Country: | CALIFORNIA |
| Postal Code: | 94568 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15850790 |

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Fax Number: (704)444-1111

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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Address Line 4: CHARLOTTE, NORTH CAROLINA 28280

| ATTORNEY DOCKET NUMBER: | 040998/498325 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | TIMOTHY J. BALTS |
| SIGNATURE: | /Timothy J. Balts/ |
| DATE SIGNED: | 10/26/2018 |

Total Attachments: 4

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> PATENT REEL: 047334 FRAME: 0567

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| CONVEYING PARTY DATA | |

| Name | Execution Date |
|----------------------|----------------|
| MICHAEL E. YURCHENKO | 06/20/2018 |

RECEIVING PARTY DATA

| Name: | Hexcel Corporation |
|-----------------|------------------------|
| Street Address: | 11711 Dublin Boulevard |
| City: | Dublin |
| State/Country: | CALIFORNIA |
| Postal Code: | 94568 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15850790 |

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REEL: 047334 FRAME: 0569

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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.

Correspondent Name:

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ATTORNEY DOCKET 040998/498325 NUMBER:

NAME OF SUBMITTER: TIMOTHY J. BALTS

Signature: /Timothy J. Balts/

Date: 06/20/2018

Total Attachments: 2

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PATENT 6/20/2018

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

HEXCEL CORPORATION

11711 Dublin Boulevard Dublin, California 94568

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "COMPOSITE CARBON FIBERS"

as set forth in this United States Patent Application

| | executed concurrently herewith |
|---|--|
| | executed on |
| X | Application No. 15/850,790; filed 12/21/2017 |
| | Application claims priority from Application No, filed, all applications |
| | listed above being hereinafter referred to as the "application(s)"; |

(We hereby authorize and request the Assignee and its attorney, (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions. specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignce, to furnish said Assignce with all facts relating to said inventions or the history thereof and any and all documents, photographs,

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models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

17/28/2017-

Michael X. Yurchenko

E. 6/20/2018

M.E.Y

Attorney Docket No. 040998/498325