

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3793651

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT   |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT   |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                                      |
| WESLEY JAMES CANTWELL   | 03/06/2016   |
| REHAN UMER  | 03/06/2016   |
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| <b>State/Country:</b>   | UNITED ARAB EMIRATES                                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>  |
| Application Number:   | 14704177   |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>Email:</b>   | sreames@kilpatricktownsend.com                             |
| <b>Correspondent Name:</b>  | KILPATRICK TOWNSEND & STOCKTON LLP                         |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 097745-0941977 (000110US)                                  |
| <b>NAME OF SUBMITTER:</b>   | SHELLEY REAMES   |
| <b>SIGNATURE:</b>   | /Shelley Reames/   |
| <b>DATE SIGNED:</b>   | 03/21/2016   |

**Total Attachments: 3**

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**ASSIGNMENT**  
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in inventions described in the following US applications:

| Patent Application Number | Title  |
|---------------------------|--|
| US 14/665,694             | LIGHTWEIGHT COMPOSITE LATTICE STRUCTURES                         |
| US 14/665,594             | METHOD OF MANUFACTURING LIGHTWEIGHT COMPOSITE LATTICE STRUCTURES |
| US 14/704,177             | LIGHTWEIGHT COMPOSITE SINGLE-SKIN SANDWICH LATTICE STRUCTURES    |

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold fifty percent (50%) of the entire rights to Khalifa University Of Science, Technology & Research (KUSTAR) ("First Assignee"), and other fifty percent (50%) of the entire rights to Aerospace Holding Company LLC ("Second Assignee"):
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent applications, implicitly or explicitly;
  - (b) the above-referenced patent applications, the right to claim priority to the above-referenced patent applications, all applications based in whole or in part upon the above-referenced patent applications, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent applications;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued

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upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

(d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignees any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
6. The present assignment is subject to the collaboration agreement No 62/002/6780/102E/455/74792 executed between the assignees in October 2013.

Signed on the dates indicated beside our signatures.

Signature: \_\_\_\_\_

Wesley James Cantwell

Date: \_\_\_\_\_

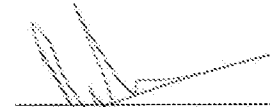
6/3/14

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Signature: \_\_\_\_\_



Rehan Umer

Date: 6/3/2016