

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3942149

|   |  |
|---|--|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                         |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                  |
| LARRY ADAMS   | 05/03/2016                             |
| DOUG RICHARDSON   | 05/02/2016                             |
| DANA TURSE  | 05/24/2016                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | COMPOSITE TECHNOLOGY DEVELOPMENT, INC. |
| <b>Street Address:</b>  | 2600 CAMPUS DRIVE                      |
| <b>City:</b>  | LAFAYETTE                              |
| <b>State/Country:</b>   | COLORADO                               |
| <b>Postal Code:</b>   | 80026                                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 15136487                               |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  |  |
| <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>Email:</b>   | jgates@mabr.com                        |
| <b>Correspondent Name:</b>  | JASON A. SANDERS                       |
| <b>Address Line 1:</b>  | 1389 CENTER DRIVE, SUITE 300           |
| <b>Address Line 4:</b>  | PARK CITY, UTAH 84098                  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | C1891.10046US02                        |
| <b>NAME OF SUBMITTER:</b>   | JASON A. SANDERS                       |
| <b>SIGNATURE:</b>   | /Jason A. Sanders, Reg. No. 59984/     |
| <b>DATE SIGNED:</b>   | 06/29/2016                             |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |  |
| <b>Total Attachments: 6</b>   |  |
| source=C1891-10046US02 Assignment Adams signed#page1.tif  |  |
| source=C1891-10046US02 Assignment Adams signed#page2.tif  |  |
| source=C1891-10046US02 Assignment Richardson signed#page1.tif   |  |
| source=C1891-10046US02 Assignment Richardson signed#page2.tif   |  |

source=C1891-10046US02 Assignment Turse signed#page1.tif

source=C1891-10046US02 Assignment Turse signed#page2.tif

**PATENT**

**REEL: 039046 FRAME: 0276**

PATENT ASSIGNMENT

|                       |                          |
|-----------------------|--------------------------|
| Title of<br>Invention | MULTIPLE BOOM DEPLOYMENT |
| Docket<br>Number      | C1891.10046US02          |

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made the above-referenced invention. Embodiments of said invention are described in the following patent application:

☐ United States Provisional Application Number \_\_\_\_\_ filed on \_\_\_\_\_

☒ United States Non-provisional Application Number 15/136,487 filed on April 22, 2016

☐ United States national stage application of PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_

WHEREAS, Composite Technology Development, Inc. (hereinafter referred to as "ASSIGNEE") having a place of business at: 2600 Campus Drive, Lafayette, CO 80026, US, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.

If the above-referenced United States application is a provisional application, ASSIGNOR hereby assigns to the ASSIGNEE the entire right, title and interest in all applications in the United States claiming the benefit of said provisional application and in all Letters Patents issuing on any such patent applications.

ASSIGNOR hereby assigns to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

INVENTOR 1

Name: Larry Adams

Date: 5-7-2016

Signature: *Larry Adams*

MASCHOFF BRENNAN, PLLC  
1389 Center Drive, SUITE 300  
PARK CITY, UTAH 84098, USA

PATENT ASSIGNMENT

|                       |                          |
|-----------------------|--------------------------|
| Title of<br>Invention | MULTIPLE BOOM DEPLOYMENT |
| Docket<br>Number      | C1891.10046US02          |

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made the above-referenced invention. Embodiments of said invention are described in the following patent application:

☐ United States Provisional Application Number filed on

☒ United States Non-provisional Application Number 15/136,487 filed on April 22, 2016

☐ United States national stage application of PCT international application number filed on

WHEREAS, Composite Technology Development, Inc. (hereinafter referred to as "ASSIGNEE") having a place of business at: 2600 Campus Drive, Lafayette, CO 80026, US, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.

If the above-referenced United States application is a provisional application, ASSIGNOR hereby assigns to the ASSIGNEE the entire right, title and interest in all applications in the United States claiming the benefit of said provisional application and in all Letters Patents issuing on any such patent applications.

ASSIGNOR hereby assigns to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

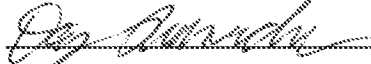
Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

INVENTOR 1

Name: Doug Richardson

Date: 5-2-2016

Signature: 

MASCHOFF BRENNAN, PLLC  
1389 Center Drive, SUITE 300  
PARK CITY, UTAH 84098, USA

PATENT ASSIGNMENT

|                       |                          |
|-----------------------|--------------------------|
| Title of<br>Invention | MULTIPLE BOOM DEPLOYMENT |
| Docket<br>Number      | C1891.10046US02          |

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made the above-referenced invention. Embodiments of said invention are described in the following patent application:

☐ United States Provisional Application Number filed on

☒ United States Non-provisional Application Number 15/136,487 filed on April 22, 2016

☐ United States national stage application of PCT international application number filed on

WHEREAS, Composite Technology Development, Inc. (hereinafter referred to as "ASSIGNEE") having a place of business at: 2600 Campus Drive, Lafayette, CO 80026, US, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.

If the above-referenced United States application is a provisional application, ASSIGNOR hereby assigns to the ASSIGNEE the entire right, title and interest in all applications in the United States claiming the benefit of said provisional application and in all Letters Patents issuing on any such patent applications.

ASSIGNOR hereby assigns to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

INVENTOR 1

Name: Dana Turse

Date: 5/24/16

Signature: *Dana Turse*

MASCHOFF BRENNAN, PLLC  
1389 Center Drive, SUITE 300  
PARK CITY, UTAH 84098, USA