

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4834798

|   |                              |
|---|------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>   |                              |
| <b>Name</b>   | <b>Execution Date</b>        |
| KENT J. SMITH   | 01/11/2018                   |
| CAMERON ARNETTE   | 01/11/2018                   |
| GINGER K. DOSIER  | 02/21/2018                   |
| JOHN MICHAEL DOSIER   | 02/21/2018                   |
| <b>RECEIVING PARTY DATA</b>   |                              |
| <b>Name:</b>  | BIOMASON, INC                |
| <b>Street Address:</b>  | 2 DAVIS DRIVE                |
| <b>City:</b>  | RESEARCH TRIANGLE PARK       |
| <b>State/Country:</b>   | NORTH CAROLINA               |
| <b>Postal Code:</b>   | 27709                        |
| <b>PROPERTY NUMBERS Total: 3</b>  |                              |
| <b>Property Type</b>  | <b>Number</b>                |
| <b>Application Number:</b>  | 15795931                     |
| <b>Application Number:</b>  | 62414876                     |
| <b>PCT Number:</b>  | US1758736                    |
| <b>CORRESPONDENCE DATA</b>  |                              |
| <b>Fax Number:</b>  | (888)570-7381                |
| <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>Phone:</b>   | 202-570-7380                 |
| <b>Email:</b>   | mail@remenicklaw.com         |
| <b>Correspondent Name:</b>  | REMENICK PLLC                |
| <b>Address Line 1:</b>  | 1025 THOMAS JEFFERSON ST. NW |
| <b>Address Line 2:</b>  | SUITE 175                    |
| <b>Address Line 4:</b>  | WASHINGTON, D.C. 20007       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 3029.011.US                  |
| <b>NAME OF SUBMITTER:</b>   | JAMES REMENICK               |
| <b>SIGNATURE:</b>   | /James Remenick/             |
| <b>DATE SIGNED:</b>   | 02/22/2018                   |

**Total Attachments: 4**

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## ASSIGNMENT

WHEREAS, we, Kent J. Smith, with a residence address at 14 Swallows Ridge Ct., Durham, NC 27713, Cameron Arnette, with a residence address at 401 Oberlin Road, Apt. 542, Raleigh, NC 27605 Ginger K. Dosier, with a residence address at 4308 Azalea Drive, Raleigh, NC 27612, and John Michael Dosier, with a residence address at 4308 Azalea Drive, Raleigh, NC 27612 (the "Assignors") are the inventors and owners of all right title and interest in and to the improvements entitled:

### **MICROORGANISM LOADED AGGREGATE AND MANUFACTURING METHODS**

which is disclosed and described in United States Provisional Application No. 62/414,876 filed October 31, 2016, United States Patent Application No. 15/795,931 filed October 27, 2017, 2016, and International Application No. PCT/US2017/58736 filed October 27, 2017, and any and all corresponding National Stage Applications.

WHEREAS, BioMason, Inc., a corporation having a place of business located at 2 Davis Drive, Research Triangle Park, NC 27709 (the "Assignee"), is desirous of acquiring all rights to the improvements and under the application;

NOW, THEREFORE, in view of the receipt of US\$10.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignors, Assignors do hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, wherein the assignment is effective as of the filing date of the non-provisional U.S. application, Assignors' entire right, title and interest, including any right of recovery for prior infringement, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States applications, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said invention, any right of priority based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND Assignee hereby authorizes and requests its agents, Remenick PLLC, whose address is 1025 Thomas Jefferson Street, N.W., Suite 175, Washington, D.C. 20007, to insert hereon any identification necessary or desirable for recordation of this document or any information necessary to correct typographical or address errors in this document, including the filing date and application number of said application when known;

AND Assignors hereby agree for themselves and their heirs, executors, administrators, successors and assigns to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or

interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to Assignee its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND Assignors hereby covenant for themselves and their legal representatives, and agree with said Assignee, its successors and assigns, that Assignors have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said Assignee, that prior to the execution of this deed, its right, title and interest in said improvements had not been otherwise encumbered, and that Assignors have not and will not execute any instrument in conflict therewith;

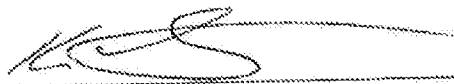
AND Assignors do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said Assignee.

IN WITNESS WHEREOF, Assignors hereunto set their hands and seals.

**FOR THE ASSIGNORS (INVENTORS):**

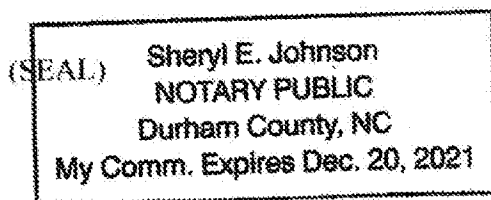
**Kent J. SMITH**


*January*  
December 11, 2018  
Date

  
Kent J. Smith

County of DURHAM )  
State of NORTH CAROLINA ) ss:

On this 11th day of January, 2018, before me a Notary Public in and for the County and State aforesaid, personally appeared Kent J. Smith, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



  
Notary Public  
My Commission Expires 12/20/2021

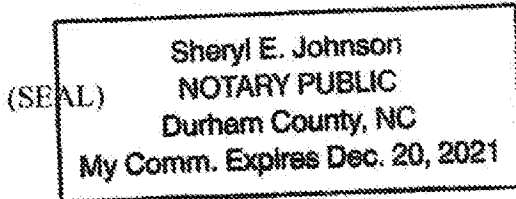
**Cameron ARNETTE**

Sheryl  
~~December~~ 11, 2018  
 Date

Cameron Arnette  
 Cameron Arnette

County of DURHAM )  
 State of NORTH CAROLINA ) ss:  
Sheryl 2018

On this 11 day of November 2017, before me a Notary Public in and for the County and State aforesaid, personally appeared Cameron Arnette, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



Sheryl E. Johnson  
 Notary Public  
 My Commission Expires 12/20/2021

**Ginger K. DOSIER**

February 21  
~~December~~ 21, 2018  
 Date

Ginger K. Dosier  
 Ginger K. Dosier

County of Wake )  
 State of North Carolina ) ss:

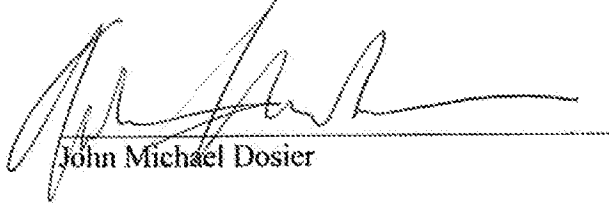
On this 21st day of February 2018, before me a Notary Public in and for the County and State aforesaid, personally appeared Ginger K. Dosier, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



Glenn Allen Kerschner, Jr.  
 Notary Public  
 My Commission Expires 3/10/2020

**John Michael DOSIER**

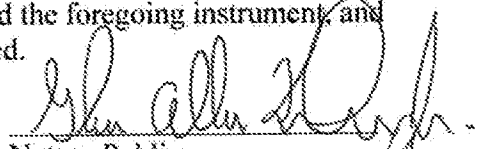
February 21  
~~December~~ 21, 2018  
Date

  
John Michael Dosier

County of Wake )  
State of North Carolina ) ss:

On this 21st day of ~~November~~ February 2018, before me a Notary Public in and for the County and State aforesaid, personally appeared John Michael Dosier, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



  
Notary Public  
My Commission Expires 3/10/2020

My Commission Expires 3/10/2020

**FOR ASSIGNEE: BIOMASON, INC.**


February 21  
~~December~~ 21, 2018  
Date

By:   
Name: Ginger K. Dosier  
Title: President & CEO

County of Wake )  
State of North Carolina ) ss:

On this 21st day of ~~November~~ February 2018, before me a Notary Public in and for the County and State aforesaid, personally appeared Ginger K. Dosier, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.



  
Notary Public  
My Commission Expires 3/10/2020