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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7962274

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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>  | SECURITY INTEREST   |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>   |
| EMERGENT MANUFACTURING OPERATIONS BALTIMORE LLC   | 05/15/2023  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | WELLS FARGO BANK, NATIONAL ASSOCIATION, AS ADMINISTRATIVE AGENT |
| <b>Street Address:</b>  | 600 S. 4TH STREET, 12TH FLOOR                                   |
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| <b>City:</b>  | MINNEAPOLIS   |
| <b>State/Country:</b>   | MINNESOTA   |
| <b>Postal Code:</b>   | 55415   |
| <b>PROPERTY NUMBERS Total: 2</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| <b>Patent Number:</b>   | 7601351   |
| <b>Patent Number:</b>   | 7906119   |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (704)373-8822   |
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| <b>Phone:</b>   | 7043734640  |
| <b>Email:</b>   | bsmith@mcguirewoods.com   |
| <b>Correspondent Name:</b>  | BETTY G. SMITH, SENIOR PARALEGAL                                |
| <b>Address Line 1:</b>  | MCGUIREWOODS LLP, 201 N. TRYON ST.                              |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 2029724-1959  |
| <b>NAME OF SUBMITTER:</b>   | BETTY G. SMITH  |
| <b>SIGNATURE:</b>   | /Betty G. Smith/  |
| <b>DATE SIGNED:</b>   | 05/18/2023  |
| <b>Total Attachments: 4</b>   |   |
| source=Notice of Grant of Security Interest in Patents (Emergent Manufacturing Operations Baltimore LLC) (2023)#page1.tif   |   |

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(2023)#page3.tif

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(2023)#page4.tif

**NOTICE  
OF  
GRANT OF SECURITY INTEREST  
IN  
PATENTS**

Dated as of May 15, 2023

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Amended and Restated Collateral Agreement dated as of October 15, 2018 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Agreement") among the Grantor (as identified on the signature pages hereto), the other grantors party thereto and the Administrative Agent (as identified on the signature pages hereto) for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon the patents and patent applications identified on Schedule A to the Administrative Agent for the ratable benefit of the Secured Parties.

The Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in such patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Very truly yours,

**GRANTOR:**

**EMERGENT MANUFACTURING OPERATIONS  
BALTIMORE LLC**

Emergent Manufacturing Operations  
Baltimore LLC  
400 Professional Drive, Suite 400  
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By:   
Name: Richard S. Lindahl  
Title: Executive Manager

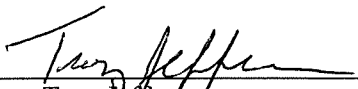
JURISDICTION OF FORMATION OF  
GRANTOR: Delaware

Acknowledged and accepted:

**ADMINISTRATIVE AGENT:**

Wells Fargo Bank, National Association  
600 Wells Fargo  
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MAC: N9300-129

**WELLS FARGO BANK, NATIONAL  
ASSOCIATION, as Administrative Agent**

By:   
Name: : Troy Jefferson  
Title: Senior Vice President

**SCHEDULE A  
TO  
NOTICE  
OF  
GRANT OF SECURITY INTEREST  
IN  
PATENTS**

**PATENTS**

| <b>Patent</b>                            | <b>Country /<br/>U.S. State</b> | <b>Grant Date</b> | <b>Registration Number</b> |
|--|---------------------------------|-------------------|----------------------------|
| ANTIBODIES AGAINST PROTECTIVE<br>ANTIGEN | United States                   | 10/13/2009        | 7601351                    |
| ANTIBODIES AGAINST PROTECTIVE<br>ANTIGEN | United States                   | 3/15/2011         | 7906119                    |