506455311 01/19/2021

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL T. SHORES	08/21/2018
JOSHUA J. MARTIN	08/21/2018
RANDALL M. ERB	08/21/2018

RECEIVING PARTY DATA

Name:	3DFORTIFY, INC.
Street Address:	28 DAMRELL STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02127

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17149075	

CORRESPONDENCE DATA

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Address Line 2: IP DOCKETING DEPT./7TH FL

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	3DF-002C2
NAME OF SUBMITTER:	JOEL E. LEHRER
SIGNATURE:	/Joel E. Lehrer/
DATE SIGNED:	01/19/2021

Total Attachments: 6

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PATENT 506455311 REEL: 054950 FRAME: 0114

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> PATENT REEL: 054950 FRAME: 0115

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Daniel T. Shores; Joshua J. Martin; and Randall M. Erb (hereinafter referred to as Assignors), residing at 73 Thurlow Street, Georgetown, Massachusetts 01833; 92 Chandler St., Arlington, Massachusetts 02474; and 40 Wedgewood Rd., Newton, Massachusetts 02465, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR ALIGNMENT OF ANISOTROPIC INCLUSIONS IN ADDITIVE MANUFACTURING PROCESSES, set forth in a Provisional application for Letters Patent of the United States, already filed on August 7, 2018 as U.S. Application No. 62/715,379; and

WHEREAS, 3DFortify, Inc., a corporation having its principal place of business at 28 Damrell Street, Boston, Massachusetts 02127 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

30F-009PR

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

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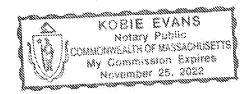
All practitioners at Customer Number 051414

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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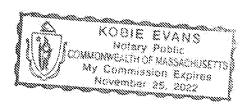
Daniel T. Shores

Date: $8/2$	1/2018		
United States of Ame State of County of	Mussachuselless:		
On this 2-1 personally came described in and who of the same.	day of Avgvst Daniel T. Shores executed the foregoing instru		before me be the individual by execution
	3	Notary Public	<u> </u>

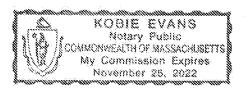


Randall M. Erb

Date: <u>8/21/</u>	2018		
United States of Ame State of County of	rica <u>M45544-346</u>)ss:: <u>S.446114-346</u>		
On this 2/2 personally came described in and who of the same.	day of Avnvsh-Randall M. Erb executed the foregoing instru	to me known to ment, and acknowledged	



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Date: <u>8/2/</u> /	/ 18				
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described in and w	no executed the	foregoing instrumen	t, and acknowled	ged execution	



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Date:

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