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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		٩	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		A	ASSIGNMENT			
CONVEYING PARTY	DATA	·				
			Name		Execution Date	
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SAMIA ISLAM					02/19/2021	
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PROPERTY NUMBER	RS Total: 1					
Property Type			Number			
Application Number:		17845143				
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using a fax number,	if provided	l; if tha	at is unsuccessful, it will be se			
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SIGNATURE:			/Terry M. Sanks/			
DATE SIGNED:			06/21/2022			
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PATENT REEL: 060262 FRAME: 0173

ASSIGNMENT

WHEREAS WE, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CRYSTALLINE NANO CELLULOSE REINFORCED CHITOSAN BASED FILMS FOR PACKAGING AND OTHER BIODEGRADABLE APPLICATIONS

for which an application for United States Letters Patent is filed herewith or an application for United States Letters Patent was filed as application number 16/239,109 on January 3, 2019;

AND WHEREAS, Tuskegee University a University of Alabama, whose post office address is 103 Chappie James Center, Tuskegee, Alabama 36088, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for and in consideration in hand paid and other good and valuable consideration the receipt of which from assignee, is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, Our entire right, title and interest in and to this invention and this application, and all non-provisional applications, divisions, continuations and continuation in part applications thereof, and all Patents of the United States and elsewhere in the World, which may be granted thereon, and all reissues or re-examinations thereof, and all rights to claim priority on the basis of such application, and all applications for patents which may hereafter be filed for this invention in any foreign country and all Patents which may be granted on this invention in any foreign country, and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents on applications as described above, to issue all Patents for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We HEREBY covenant that we have the full right to convey the interest assigned by this

Assignment, and we have not executed and will not execute any agreement in conflict with this

Assignment;

AND We HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all non-provisional, divisional, continuation, continuation-in-part, reissue and re-examination applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, it successors and assigns.

AND We HEREBY grant the firm of HOGAN LOVELLS US LLP the power to insert on this document any identification which may be necessary or desired to reference the property being transferred under the rules of the United States Patent and Trademark Office for recordation purposes.

IN TESTIMONY WHEREOF, I have hereunto set our hands.

PATENT REEL: 060262 FRAME: 0174

Vijaya RANGARI

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Q____

Assignor's Signature

Date 2/22/21

Names of Additional Inventors' Signatures Attached [X] Yes [] No

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Samia Islam

Assignor's Signature

02/19/2021

Date

Names of Additional Inventors' Signatures Attached [X] Yes [] No

PATENT REEL: 060262 FRAME: 0176

Woubit ABEBE

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Waubit Assignor's Signature

02/17/2021

Date

Names of Additional Inventors' Signatures Attached [] Yes [X] No