PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILLIP B. MAPLES	08/17/2020
CLARISSE ROGAT	08/17/2020
WILLIAM G. TEAGS	07/22/2020

RECEIVING PARTY DATA

Name:	ABEONA THERAPEUTICS INC.	
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Internal Address:	33RD FLOOR	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10019	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17626987

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Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	ABEO-00301US 337067-2085	
NAME OF SUBMITTER:	FUMIN SHI	
SIGNATURE:	/Fumin Shi/	
DATE SIGNED:	10/21/2022	

Total Attachments: 7

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PATENT 507556246 REEL: 061495 FRAME: 0417

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Attorney Docket No. ABEO-003/01WO 337067-2053

ASSIGNMENT

Phillip B. MAPLES, residing at 6547 Fay Road, Concord Township, Ohio 44077, USA; Clarisse ROGAT, residing at 3658 Traver Road, Shaker Heights, Ohio 44122, USA; William G. TEAGS, residing at 2006 Braeburn Court, Longmont, Colorado 80503, USA (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled DEVICES, SYSTEMS, AND METHODS FOR PACKAGING AND TRANSPORT OF BIOLOGICAL TISSUE, and which is a:

• International Application bearing Application No. PCT/US2020/042411 and filed on July 16, 2020.

wherein the above application(s) claim(s) priority to:

Country	Аррисанов го.	1 tppiication ining date
US	62/874,666	July 16, 2019

WHEREAS, Abeona Therapeutics Inc., a having its principal place of business at 1330 Avenue of the Americas, 33rd Floor, New York, NY 10019, USA, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;

- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the

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Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Assignor(s) and Assignee(s) understand that electronic signatures are acceptable and that, by signing electronically, signatories agree to the use of electronic signatures.

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17 August 2020

Date

Phillip B. MAPLES

Witness:

September 4, 2020

PATENT

REEL: 061495 FRAME: 0422

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08/17/2020

Clarisse ROG

Witness:

08/17/80

AGNIESKA GASCOYNE

Attorney Docket No.: ABEO-003/01WO 337067-2053

Date

William G. TEAGS

Witness:

Page 7 of 7 Attorney Docket No.: ABEO-003/01WO 337067-2053

For and on behalf of ASSIGNEE:

Date: 9/2/200

By: Name: Nendan OMa hear Title: fead of legal & price Socreture Company: Abeona Therapeutics Inc.

Witness:

Date

Printed name

PATENT REEL: 061495 FRAME: 0425

RECORDED: 10/21/2022