

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
GINER LIFE SCIENCES, INC.		01/26/2023
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GINER, INC.	
<b>Street Address:</b>	89 RUMFORD AVENUE	
<b>City:</b>	NEWTON	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02466	
<b>PROPERTY NUMBERS Total: 10</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	10091985	
Patent Number:	9357764	
Patent Number:	10231817	
Patent Number:	11033666	
Patent Number:	10557691	
Application Number:	15971658	
Application Number:	16412281	
Application Number:	62671298	
Application Number:	16415977	
Application Number:	62672784	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	84611	

<b>NAME OF SUBMITTER:</b>	EDWARD M. KRIEGSMAN
<b>SIGNATURE:</b>	/edward m. kriegsman/
<b>DATE SIGNED:</b>	02/02/2023
<b>Total Attachments: 4</b> source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif	

## ASSIGNMENT

WHEREAS, GINER LIFE SCIENCES, INC., a Delaware corporation having a place of business at 89 Rumford Avenue, Newton, Massachusetts 02466 (hereinafter referred to as ASSIGNOR) is a sole or joint owner of at least the patents and patent applications identified in the Appendix hereto, as well as the inventions described and claimed therein:

WHEREAS, GINER, INC., a Massachusetts corporation having a place of business at 89 Rumford Avenue, Newton, Massachusetts (hereinafter referred to as ASSIGNEE), is desirous of acquiring ASSIGNOR'S entire right, title and interest in, to and under said patents, said applications and any Letters Patent to be obtained therefor, and the inventions described and claimed in said patents and said applications, both in the U.S. and in all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof which are hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE its entire right, title and interest in and to said inventions, said patents, said applications, all provisional applications relating thereto, and all divisions, substitutions, continuations, renewals and reissues thereof and the Letters Patent thereof, both in the United States and its territorial possessions and in any and all foreign countries that may or shall issue thereon including the right to claim in respect of any subsequent corresponding foreign patent applications and patents, the priority date of the said applications under any international convention or treaty.

UPON SAID CONSIDERATION, ASSIGNOR does hereby covenant and agree with the said ASSIGNEE that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will at any time upon request, without further or additional consideration, but at the expense of the said ASSIGNEE, execute such additional assignments and other writings and do such additional acts as said ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE'S enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, substituted, renewed, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said inventions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

Linda A. Tempelman

Signature of Individual  
Authorized to Act on Behalf of ASSIGNOR

Linda A Tempelman

Typed or Printed Name of Individual  
Signing on Behalf of ASSIGNOR

Chief Scientific Officer

Title or Position of Individual  
Signing on Behalf of ASSIGNOR

1/26/2023

Date

## APPENDIX

### US Patents and US Patent Applications

Patent No.	Application No.	Inventor(s)	Filing Date	Issue Date
10,091,985	12/803,083	Tempelman et al.	2010-06-18	2018-10-09
n/a	61/268,973	Tempelman et al.	2009-06-18	n/a
9,357,764	13/341,565	Tempelman et al.	2011-12-30	2016-06-07
10,231,817	14/495,644	Tempelman et al.	2014-09-24	2019-03-19
n/a	16/266,687	Tempelman et al.	2019-02-04	n/a
n/a	61/881,654	Tempelman et al.	2013-09-24	n/a
11,033,666	15/814,298	Ferrante et al.	2017-11-15	2021-06-15
n/a	62/422,397	Ferrante et al.	2016-11-15	n/a
10,557,691	15/814,124	Stone et al.	2017-11-15	2020-02-11
n/a	62/422,420	Stone et al.	2016-11-15	n/a
n/a	15/971,658	Ferrante et al.	2018-05-04	n/a
n/a	62/501,488	Ferrante et al.	2017-05-04	n/a
n/a	16/412,281	Stone	2019-05-14	n/a
n/a	62/671,298	Stone	2018-05-14	n/a
n/a	16/415,977	Schwenk et al.	2019-05-17	n/a
n/a	62/672,784	Schwenk et al.	2018-05-17	n/a

### Foreign Patents and Foreign Patent Applications

Jurisdiction	Patent No.	Application No.	Filing Date	Issue Date
DE	102012112709	102012112709.3	2012-12-20	2022-09-08
JP	5650191	2012-284992	2012-12-27	2014-11-21
GB	2498096	1223383.9	2012-12-24	2018-02-14
WO	n/a	PCT/US2014/057295	2014-09-24	n/a
AU	2014326794	2014326794	2014-09-24	2019-07-04
CA	2924681	2924681	2014-09-24	2019-12-31
CA	3059017	3059017	2014-09-24	2021-05-25
CN	ZL2014800633002/ CN105792775B	2014800633002	2014-09-24	2019-02-19
CN	ZL201910051559X / CN110101485B	201910051559X	2014-09-24	2021-07-06
EP	3049020	14847766.4	2014-09-24	2022-06-15
HK	1226628	17100409.6	2014-09-24	2020-02-14
IL	244714	244714	2014-09-24	2020-10-01
JP	6749239	2016-544360	2014-09-24	2020-08-13
KR	10-2323291	10-2016-7010315	2014-09-24	2021-11-02
MX	384445	MX/a/2016/003615	2014-09-24	2021-07-13
WO	n/a	PCT/US2017/061878	2017-11-15	n/a
AU	n/a	2017361260	2017-11-15	n/a
CA	3043468	3043468	2017-11-15	2021-06-22
CN	ZL2017800827444/ CN110167613B	2017800827444	2017-11-15	2022-01-11

EP	3541449	17872027.2	2017-11-15	2021-11-10
JP	6993003	2019-525745	2017-11-15	2021-12-13
MX	n/a	MX/a/2019/005676	2017-11-15	n/a
WO	n/a	PCT/US2017/06185 9	2017-11-15	n/a
AU	n/a	2017362331	2017-11-15	n/a
CA	3043363	3043363	2017-11-15	2021-06-22
CN	ZL2017800817705/ CN110139683B	2017800817705	2017-11-15	2022-08-30
EP	3541450	17871751.8	2017-11-15	2021-12-29
HK	n/a	620200027436	2017-11-15	n/a
JP	7044268	2019-525890	2017-11-15	2022-03-22
MX	n/a	MX/a/2019/005674	2017-11-15	n/a
WO	n/a	PCT/US2018/03122 3	2018-05-04	n/a
CA	n/a	3062412	2018-05-04	n/a
CN	n/a	2018800446358	2018-05-04	n/a
EP	n/a	18794951.6	2018-05-04	n/a
WO	n/a	PCT/US2019/03229 6	2019-05-14	n/a
CA	n/a	3100199	2019-05-14	n/a
CN	n/a	2019800456640	2019-05-14	n/a
EP	n/a	19803599.0	2019-05-14	n/a
JP	n/a	2020-564168	2019-05-14	n/a
WO	n/a	PCT/US2019/03299 0	2019-05-17	n/a
CA	n/a	3100192	2019-05-17	n/a
CN	ZL2019800459278/ CN112384267B	2019800459278	2019-05-17	2022-08-09
EP	n/a	19803611.3	2019-05-17	n/a
JP	n/a	2020-564179	2019-05-17	n/a