

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5747795

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL HAMILL	11/30/2017
RAFFI AFEYAN	12/06/2017
CHUNG-WEI LEE	11/30/2017
HARRY LUITHARDT	12/01/2017
RECEIVING PARTY DATA	
Name:	AXCELLA HEALTH INC.
Street Address:	840 MEMORIAL DRIVE, 3RD FLOOR
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16210940
CORRESPONDENCE DATA	
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Address Line 2:	ONE MAIN STREET, SUITE 1100
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ATTORNEY DOCKET NUMBER:	A2169-700123FT
NAME OF SUBMITTER:	STEVEN NATHANIEL SCHAFHEIMER
SIGNATURE:	/Steven N Schafheimer/
DATE SIGNED:	10/01/2019
Total Attachments: 7	
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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned **Michael Hamill, Raffi Afeyan, Chung-Wei Lee, Harry Luithardt, and David Berry** of 840 Memorial Drive, 3rd Floor, Cambridge, Massachusetts 02139; 840 Memorial Drive, 3rd Floor, Cambridge, Massachusetts 02139; 51 Troy Lane, Waban, Massachusetts 02468; 9 Chester St. #31, Cambridge, Massachusetts 02140; and 155 Beethoven Ave., Newton, Massachusetts 02468, respectively, hereby:

Sell, assign and transfer to **AXCELLA HEALTH INC.**, a corporation having a place of business at 840 Memorial Drive, 3rd Floor, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

April 28, 2017

ENTER FILING DATE ABOVE

under Application Serial No. 62/491773 and

**Entitled AMINO ACID COMPOSITIONS AND METHODS OF THEIR USE FOR THE
TREATMENT OF LIVER DISEASES,**

and

August 14, 2017

ENTER FILING DATE ABOVE

under Application Serial No. 62/545322 and

**Entitled AMINO ACID COMPOSITIONS AND METHODS OF THEIR USE FOR THE
TREATMENT OF LIVER DISEASES,**

and

October 24, 2017

ENTER FILING DATE ABOVE

under Application Serial No. 62/576267 and

**Entitled AMINO ACID COMPOSITIONS AND METHODS OF THEIR USE FOR THE
TREATMENT OF LIVER DISEASES,**

and in and to said applications and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in

the United States and all foreign countries on said any and all inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said applications to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said applications when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

By: AXCELLA HEALTH INC.

December 8, 2017

Date


Signature

ROBERT CONNELLY

Printed Name of Signor

PRESIDENT and CEO

Title/Authority of Signor

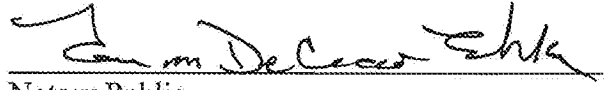

Michael Hamill

Date: November 30, 2017

United States of America)
State of Massachusetts ss.:
County of Middlesex)



On this 30 day of November, 2017, before me
personally came Michael Hamill, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public



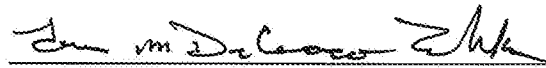
Raffi Afeyan

Date: December 6, 2017

United States of America)
State of Massachusetts) ss.:
County of Middlesex)



On this 6th day of December, 2017, before me
personally came Raffi Afeyan, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

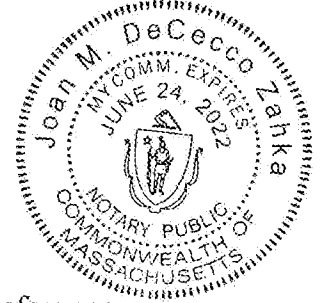


Notary Public

Chung-Wei Lee
Chung-Wei Lee

Date: November 30, 2017

United States of America)
State of Massachusetts ss.:
County of Middlesex)



On this 30 day of November, 2018, before me
personally came Chung-Wei Lee, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Joan M. DeCecco
Notary Public

12/1/2017
Date

Harry M. Luithardt
Harry Luithardt

Witnessed before us this 1st day of December, 2017:

Printed Name: Joan Zabala

First Witness Signature: [Signature]

Printed Name: Jonathan Haman

Second Witness Signature: [Signature]

11/27/2017
Date

David Berry
David Berry

Witnessed before us this 27th day of NOVEMBER, 2017:

Printed Name: Lynne McEvoy

First Witness Signature: Lynne M. McEvoy

Printed Name: Anthony Picariello

Second Witness Signature: Anthony Picariello