

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5100901

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	MERGER AND CHANGE OF NAME		
<b>EFFECTIVE DATE:</b>	01/07/2015		
<b>CONVEYING PARTY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	SEQUENTA, INC.	01/07/2015	
<b>NEWLY MERGED ENTITY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	ALLEGRO ACQUISITION, LLC	01/07/2015	
<b>MERGED ENTITY'S NEW NAME (RECEIVING PARTY)</b>			
<b>Name:</b>	SEQUENTA, LLC		
<b>Street Address:</b>	1551 EASTLAKE AVENUE E., ST. 200		
<b>City:</b>	SEATTLE		
<b>State/Country:</b>	WASHINGTON		
<b>Postal Code:</b>	98102		
<b>PROPERTY NUMBERS Total: 1</b>			
	<b>Property Type</b>	<b>Number</b>	
	Application Number:	16106867	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(202)842-7899		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	2028427800		
<b>Email:</b>	zIPPatentDocketingMailboxUS@cooley.com		
<b>Correspondent Name:</b>	COOLEY LLP / ADAPTIVE BIOTECHNOLOGIES		
<b>Address Line 1:</b>	ATTN: PATENT GROUP		
<b>Address Line 2:</b>	1299 PENNSYLVANIA AVENUE, NW, SUITE 700		
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004		
<b>ATTORNEY DOCKET NUMBER:</b>	ADBS-026/02US 323310-2580		
<b>NAME OF SUBMITTER:</b>	JORDAN D. PHELAN		
<b>SIGNATURE:</b>	/Jordan D. Phelan/		
<b>DATE SIGNED:</b>	08/21/2018		

**Total Attachments: 3**

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# Delaware

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*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SEQUENTA, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ALLEGRO ACQUISITION, LLC" UNDER THE NAME OF "SEQUENTA, LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SEVENTH DAY OF JANUARY, A.D. 2015, AT 4:26 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

5661499 8100M

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You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2018329

DATE: 01-07-15

PATENT  
REEL: 046649 FRAME: 0019

CERTIFICATE OF MERGER  
OF  
SEQUENTA, INC.  
(disappearing corporation)  
WITH AND INTO  
ALLEGRO ACQUISITION, LLC  
(surviving limited liability company)

Pursuant to Title 8, Section 264(c) of the Delaware General Corporation Law ("**DGCL**") and Title 6, Section 18-209 of the Delaware Limited Liability Company Act, the undersigned surviving limited liability company submits the following Certificate of Merger for filing and DOES HEREBY CERTIFY AS FOLLOWS:

FIRST: The name and jurisdiction of formation or organization of each of the constituent entities to the merger (each, a "**Constituent Entity**") is as follows:

<u>Name</u>	<u>State of Incorporation</u>
Sequentia, Inc.	Delaware
Allegro Acquisition, LLC	Delaware

SECOND: That an Agreement and Plan of Merger entered into as of December 20, 2014 (the "**Merger Agreement**"), by and among Adaptive Biotechnologies Corporation ("**Parent**"), Allegro Acquisition Corporation, a Delaware corporation and direct wholly-owned subsidiary of Parent ("**Merger Sub I**"), Allegro Acquisition, LLC, a Delaware limited liability company and a direct wholly-owned subsidiary of Parent ("**Merger Sub II**"), Sequentia, Inc. (the "**Company**"), and Ninth MDV Partners, L.L.C., as stockholder representative (the "**Stockholder Representative**"), has been approved and adopted by written consent in accordance with Section 228 of the DGCL, and has been certified, executed, and acknowledged by each of Parent, Merger Sub I, Merger Sub II, the Company, and the Stockholder Representative in accordance with Section 251 of the DGCL.

THIRD: That Allegro Acquisition, LLC shall be the surviving limited liability company of the merger (the "**Surviving Entity**"), and that upon effectiveness of this Certificate of Merger the name of the Surviving Entity shall herewith be changed to Sequentia, LLC.

FOURTH: That the Certificate of Formation of Allegro Acquisition, LLC shall be the Certificate of Formation of the Surviving Entity; provided, however, that paragraph 1 of the Certificate of Formation shall be amended to read as follows:

"1. The name of the limited liability company is:  
  
Sequentia, LLC"

FIFTH: That this Certificate of Merger shall become effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.


SIXTH: That an executed copy of the Merger Agreement is on file at the principal place of business of the Surviving Entity at the following address: 1551 Eastlake Ave E, Suite 200, Seattle, WA 98102.

IN WITNESS WHEREOF, this Certificate of Merger has been duly executed by an authorized person of the Surviving Entity as of this 7th day of January, 2015.

**ALLEGRO ACQUISITION, LLC**

By: Adaptive Biotechnologies Corporation,  
its sole member

By:

  
Chad M. Robins  
Chief Executive Officer

*[Signature Page to Second Certificate of Merger]*