

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5422766

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	MERGER	
<b>EFFECTIVE DATE:</b>	03/31/2017	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RUBICON GENOMICS, INC.	03/31/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TAKARA BIO USA, INC.	
<b>Street Address:</b>	1290 TERRA BELLA AVENUE	
<b>City:</b>	MOUNTAIN VIEW	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94043	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16231002
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(650)327-3231	
<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>	6503273400	
<b>Email:</b>	turner@bozpat.com	
<b>Correspondent Name:</b>	BRET E. FIELD	
<b>Address Line 1:</b>	201 REDWOOD SHORES PARKWAY	
<b>Address Line 2:</b>	SUITE 200	
<b>Address Line 4:</b>	REDWOOD CITY, CALIFORNIA 94065	
<b>ATTORNEY DOCKET NUMBER:</b>	CLON-161CON8	
<b>NAME OF SUBMITTER:</b>	BRET E. FIELD	
<b>SIGNATURE:</b>	/Bret E. Field, Reg. No. 37,620/	
<b>DATE SIGNED:</b>	03/14/2019	
<b>Total Attachments: 3</b>		
source=Takara Bio USA Inc.-DE-Merger (Survivor)#page1.tif		
source=Takara Bio USA Inc.-DE-Merger (Survivor)#page2.tif		
source=Takara Bio USA Inc.-DE-Merger (Survivor)#page3.tif		

# Delaware

The First State

Page 1

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:

"RUBICON GENOMICS, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "TAKARA BIO USA, INC." UNDER THE NAME OF  
"TAKARA BIO USA, INC.", A CORPORATION ORGANIZED AND EXISTING  
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED  
IN THIS OFFICE ON THE THIRTY-FIRST DAY OF MARCH, A.D. 2017, AT  
10:12 O`CLOCK A.M.

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



2917643 8100M  
SR# 20172160266

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

A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 202302934  
Date: 03-31-17

**PATENT**  
**REEL: 048603 FRAME: 0485**

**CERTIFICATE OF MERGER**

**MERGING**

**RUBICON GENOMICS, INC.,  
A DELAWARE CORPORATION,**

**WITH AND INTO**

**TAKARA BIO USA, INC.  
A DELAWARE CORPORATION**

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 10:12 AM 03/31/2017  
FILED 10:12 AM 03/31/2017  
SR 20172160266 - File Number 2917643

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Pursuant to Section 251 of the  
General Corporation Law of the  
State of Delaware

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Takara Bio USA, Inc., a Delaware corporation (the "**Company**"), does hereby certify as follows:

FIRST: Each of the constituent corporations, the Company and Rubicon Genomics, Inc. ("**Rubicon**"), is a corporation duly organized and existing under the laws of the State of Delaware.

SECOND: An Agreement and Plan of Merger, dated as of March 27, 2017 (the "**Merger Agreement**"), by and among the Company and Rubicon, setting forth the terms and conditions of the merger of Rubicon with and into the Company (the "**Merger**") has been approved, adopted, executed and acknowledged by each of the constituent corporations in accordance with Section 251 of the General Corporation Law of the State of Delaware (the "**DGCL**").

THIRD: The Company shall be the surviving corporation in the Merger (the "**Surviving Corporation**") and shall continue in existence as said Surviving Corporation under its present name, Takara Bio USA, Inc.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

FIFTH: The executed Merger Agreement is on file at an office of the Surviving Corporation at the following address:

Takara Bio USA, Inc.  
1290 Terra Bella Avenue  
Mountain View, CA 94043

SIXTH: A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either constituent corporation.

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

[Signature page follows]

IN WITNESS WHEREOF, the Company has caused this Certificate of Merger to be executed by a duly authorized officer on March 31<sup>st</sup>, 2017.

**TAKARA BIO USA, INC.**

By: /s/ Carol Lou

Carol Lou  
Its President

[SIGNATURE PAGE TO CERTIFICATE OF MERGER]