

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4601652

|                                   |                         |                       |
|-----------------------------------|-------------------------|-----------------------|
| <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: 23</b> |                         |                       |
| <b>Property Type</b>              | <b>Number</b>           |                       |
| Patent Number:                    | 6777187                 |                       |
| Patent Number:                    | 7655791                 |                       |
| Patent Number:                    | 8815504                 |                       |
| Patent Number:                    | 9410193                 |                       |
| Patent Number:                    | 7718403                 |                       |
| Patent Number:                    | 8206913                 |                       |
| Patent Number:                    | 8440404                 |                       |
| Patent Number:                    | 9708652                 |                       |
| Patent Number:                    | 7803550                 |                       |
| Patent Number:                    | 8071312                 |                       |
| Patent Number:                    | 8399199                 |                       |
| Patent Number:                    | 8728737                 |                       |
| Patent Number:                    | 9598727                 |                       |
| Patent Number:                    | 8409804                 |                       |
| Patent Number:                    | 8778610                 |                       |
| Application Number:               | 15620330                |                       |
| Application Number:               | 15430803                |                       |
| Application Number:               | 15229965                |                       |
| Application Number:               | 15216783                |                       |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11366222 |
| Application Number: | 14438280 |
| Application Number: | 15035951 |
| Application Number: | 15085456 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (650)327-3231

*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.*

**Phone:** 650-327-3400

**Email:** serna@bozpat.com

**Correspondent Name:** BOZICEVIC, FIELD & FRANCIS LLP

**Address Line 1:** 201 REDWOOD SHORES PARKWAY

**Address Line 2:** SUITE 200

**Address Line 4:** REDWOOD CITY, CALIFORNIA 94065

|                                |                                  |
|--------------------------------|----------------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | CLON-GEN1                        |
| <b>NAME OF SUBMITTER:</b>      | BRET E. FIELD                    |
| <b>SIGNATURE:</b>              | /Bret E. Field, Reg. No. 37,620/ |
| <b>DATE SIGNED:</b>            | 09/19/2017                       |

#### **Total Attachments: 3**

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.



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.

2917643 8100M  
SR# 20172160266

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

Authentication: 202302934  
Date: 03-31-17

**PATENT**  
**REEL: 043631 FRAME: 0551**

**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]