

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
JAPAN SCIENCE AND TECHNOLOGY AGENCY			02/10/2020
<b>RECEIVING PARTY DATA</b>			
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<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	16302485		
<b>Application Number:</b>	16371766		
<b>Patent Number:</b>	10301672		
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<b>SIGNATURE:</b>	/Muriel Liberto, Ph.D., Esq./		
<b>DATE SIGNED:</b>	03/03/2020		
<b>Total Attachments: 2</b>			
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## ASSIGNMENT

**JAPAN SCIENCE AND TECHNOLOGY AGENCY**, a corporation organized under the laws of Japan, with offices at **4-1-8, Honcho, Kawaguchi-shi, Saitama, 332-0012 Japan** (hereinafter referred to as "ASSIGNOR"), is owner, by assignment from the inventors, of the patent applications identified by title, serial number, and filing date below:

**Method of Amplifying Circular DNA**,  
U.S. Non-Provisional Application No. 16/371,766, filed April 1, 2019;

**Method of Amplifying Circular DNA**,  
U.S. Non-Provisional Application No. 16/302,485, filed November 16, 2018; and

**Method of Amplifying Circular DNA**,  
U.S. Application No. 15/527,560, filed May 17, 2017, now U.S. Patent No. 10,301,672, granted May 28, 2019.

ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, confirms that it has sold and assigned, and does hereby assign, sell and transfer to **OriCiro Genomics, Inc.**, a corporation organized under the laws of Japan, with offices at **3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8485 Japan**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) its entire right, title and interest for the United States and in all countries, in and to any and all inventions and discoveries disclosed in these applications including any subsequently filed applications which claim priority to any of these applications, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in its name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

ASSIGNOR hereby authorizes and requests the competent authorities to grant and to issue any and all SUCH Patents in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale and transfer not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions and said Patents and legal equivalents as may be known and accessible to ASSIGNOR and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said inventions and said Patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

EXECUTED this 10th day of February 2020

**ASSIGNOR:**

**JAPAN SCIENCE AND TECHNOLOGY AGENCY**

Ryoji Haraguchi  
Signature

Name: Ryoji HARAGUCHI

Title: Director,  
Department of Intellectual Property Management

IN WITNESS WHEREOF, I, Hirokazu ITO, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

Hirokazu Ito  
(Signature of Witness)

Date: February 10, 2020

**Agreed to and accepted:**

**Authorized representative of  
OriCiro Genomics, Inc.**

平崎 誠二  
Signature

Name: Seiji HIRASAKI

Title: CEO

February 14, 2020  
Date