# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                  | Execution Date |
|-----------------------|----------------|
| YOSHIHIDE HAYASHIZAKI | 03/12/2014     |
| YASUMASA KIMURA       | 03/11/2014     |
| KENGO USUI            | 03/10/2014     |
| YUKI TANAKA           | 03/10/2014     |
| YUKI KAWAI            | 03/06/2014     |

### **RECEIVING PARTY DATA**

| Name:           | RIKEN                     |
|-----------------|---------------------------|
| Street Address: | 2-1, HIROSAWA             |
| City:           | WAKO-SHI, SAITAMA         |
| State/Country:  | JAPAN                     |
| Postal Code:    | 351-0198                  |
| Name:           | KABUSHIKI KAISHA DNAFORM  |
| Street Address: | 75-1, ONO-CHO, TSURUMI-KU |
| City:           | YOKOHAMA-SHI, KANAGAWA    |
| State/Country:  | JAPAN                     |
| Postal Code:    | 230-0046                  |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14343511 |

# CORRESPONDENCE DATA

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NAME OF SUBMITTER: DOUGLAS P. MUELLER

502764622 REEL: 032657 FRAME: 0889

- PATENT -

| SIGNATURE:                       | /Douglas P. Mueller/ |  |
|----------------------------------|----------------------|--|
| DATE SIGNED:                     | 04/11/2014           |  |
| Total Attachments: 2             |                      |  |
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| source=Assignment_0092#page2.tif |                      |  |

PATENT REEL: 032657 FRAME: 0890

#### ASSIGNMENT OF PATENT APPLICATION

#### WHEREAS,

- 1. Yoshihide HAYASHIZAKI residing at c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan and a citizen of Japan
- 2. Yasumasa KIMURA residing at c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan and a citizen of Japan
- 3. Kengo USUI residing at c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan and a citizen of Japan
- 4. Yuki TANAKA residing at c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan and a citizen of Japan
- 5. Yuki KAWAI residing at 10-3-901, Tsurumichuo 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0051, Japan and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled PRIMER SET, METHOD FOR AMPLIFYING TARGET NUCLEIC ACID SEQUENCE USING THE SAME, AND METHOD FOR DETECTING MUTATED NUCLEIC ACID USING THE SAME and which has been given application serial number ;

and

WHEREAS RIKEN (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan and KABUSHIKI KAISHA DNAFORM (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0046, Japan wish to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEEs, its successors, legal representative and assign, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the

PATENT REEL: 032657 FRAME: 0891 ASSIGNEEs of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEEs) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEEs, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEEs, it successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEEs, its successors and assign, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

1. Signature Yoshihide MAYASHIZAKI

2. Signature Yasumasa KIMURA

March 10, 2014

Date

March 10, 2014

Date

Must Tamber

4. Signature Yuki TANAKA

Date

5. Signature Yuki KAWAI Date

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RECORDED: 04/11/2014