PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSAMU NUREKI	02/06/2020
HIROSHI NISHIMASU	02/06/2020
HISATO HIRANO	02/06/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16617498

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NAME OF SUBMITTER: JOHN KILYK, JR.

SIGNATURE: /John Kilyk, Jr./
DATE SIGNED: 05/01/2020

Total Attachments: 2

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PATENT 506042634 REEL: 052558 FRAME: 0042

ASSIGNMENT

WHEREAS, I/WE

- (1) Osamu NUREKI of c/o The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan,
- (2) Hiroshi NISHIMASU of c/o The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan, and
- (3) Hisato HIRANO of c/o The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan,

hereinafter referred to as Assignor, have invented a certain invention entitled:

MODIFIED Cas9 PROTEIN AND USE THEREOF

for which International Patent Application No. PCT/JP2018/021068 has been filed on May 31, 2018, and

WHEREAS,

THE UNIVERSITY OF TOKYO of 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan,

hereinafter referred to as Assignee, is desirous of acquiring the entire U.S. right, title, and interest of Assignor in, to, and under the invention and the referenced International Patent Application, including the entire right, title, and interest of Assignor in, to, and under the U.S. national phase thereof, filed on November 26, 2019 as U.S. Patent Application No. 16/617,498,

Now, Therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee the entire U.S. right, title, and interest of Assignor in, to, and under the invention, the referenced International Patent Application and U.S. national phase thereof, and other such U.S. patent applications (e.g., continuations, continuations-in-part, divisionals, reissues, and reexaminations) that may be filed in the U.S. with a claim of priority to the referenced International Patent Application and/or the U.S. national phase application thereof, as well as U.S. patents that may issue thereon and that may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, and post-grant reviews),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and to claim priority in the U.S. to the aforementioned patent applications and any priority documents referenced therein under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

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Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the U.S. patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. on the invention, and in enforcing any rights accruing as a result of such U.S. applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the U.S. patent application if the number and filing date of the U.S. patent application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date Feb. 6, 2020	Assignor: Osamu NUREKI
Date Feb 6, 2020	Hîrosh: Wiehimasu
Date Feb. 6, 2020	Assignor: Hiroshi NISHIMASU (Lisato (Lirano Assignor: Hisato HIRANO

Leydig, Voit & Mayer

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