

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7013933

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOSHIAKI KUDO	10/07/2021
KUSHIRO INDUSTRIAL TECHNOLOGY CENTER	10/07/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEALTH MANAGEMENT CO., LTD.
<b>Street Address:</b>	6-1-6 GORYO, HIGASHI-KU, KUMAMOTO-SHI
<b>City:</b>	KUMAMOTO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	861-8035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8153769
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>SIGNATURE:</b>	/Joohee Lee/
<b>DATE SIGNED:</b>	11/09/2021
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

**WHEREAS, Yoshiaki Kudo**, a citizen of Japan, residing at Rapport Kusuribashi No. 1111, Asahimachi 1-1111, Kushiro-shi, Hokkaido 085-0011, JAPAN (hereinafter referred to as an "Assignor"), is a 45% owner of U.S. Serial No. 12/224,013, filed on August 14, 2008, now U.S. Patent 8,153,769 (hereinafter referred to as the "Patent"); **Kushiro Industrial Technology Center**, organized under and pursuant to the laws of Japan having its principal place of business at 2-23, Tottoriminami 7-chome, Kushiro-shi, Hokkaido 0840905, JAPAN (hereinafter referred to as an "Assignor"), is a 50% owner of the Patent; and **Biomatec Japan, Inc.** organized under and pursuant to the laws of Japan having its principal place of business at 24-1056, Niino, Kushiro-shi, Hokkaido 084-0925, JAPAN (hereinafter referred to as an "Assignor"), is a 5% owner of the Patent, and effective on November 13, 2020, **Biomatec Japan, Inc.** has merged into **Health Management Co., Ltd.** (hereinafter referred to as "Assignee"), organized under and pursuant to the laws of Japan having its principal place of business at 6-1-6 Goryo, Higashi-ku, Kumamoto-shi, Kumamoto 861-8035, JAPAN – the respective ownership shares being evidenced by an Assignment recorded with the USPTO on August 13, 2010, at Reel 024833/Frame 0863, an Assignment recorded with the USPTO on September 27, 2010 at Reel 025045/Frame 0508, and subsequent recording of a merger document of **Biomatec Japan, Inc.** into **Health Management Co., Ltd.**; and

**WHEREAS, Health Management Co., Ltd.** is desirous of acquiring the entire right, title and interest to the Patent owned by **Kushiro Industrial Technology Center**, and 88% of the right, title, and interest to the Patent owned by **Yoshiaki Kudo** – so that as a result of these transfers, **Health Management Co., Ltd.** owns 95% overall of the right, title, and interest to the Patent, and **Yoshiaki Kudo** owns 5% overall of the right, title and interest to the Patent;

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect

divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.

All practitioners at Customer Number 100807

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

October 7, 2021

Date

工藤義昭

Yoshiaki Kudo

Witness:

October 7, 2021

Date

町屋春美

Harumi Machiya

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed, dated this  
21st day of September, 2021.

Signed by: 栗林 定正

Printed Name: Sadamasa Kuribayashi

*Authorized signer for: Kushiro Industrial Technology Center*

Witness: 間瀬 秀樹 Date: September 21, 2021  
Hideki Mase