505979157 03/23/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI NIISATO	03/16/2020

RECEIVING PARTY DATA

Name:	NOMURA RESEARCH INSTITUTE, LTD.
Street Address:	1-9-2, OTEMACHI, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-0004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16826367

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	OTK-47688
NAME OF SUBMITTER:	KAZUTO ISHIHARA
SIGNATURE:	/Kazuto Ishihara/
DATE SIGNED:	03/23/2020

Total Attachments: 2

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PATENT 505979157 REEL: 052190 FRAME: 0362

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

MANAGEMENT SYSTEM

that are the subject of an application for a U.S. Patent, (Application No. 16/826367 , filed on March 23, 2020), which application is further identified as Rankin, Hill & Clark LLP Docket No. OTK-47688

WHEREAS, NOMURA RESEARCH INSTITUTE, LTD., a corporation of Japan, and having a place of business at 1-9-2, Otemachi, Chiyoda-ku, Tokyo, 100-0004, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof. therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed. and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP 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.

PATENFage 1 of 2 REEL: 052190 FRAME: 0363

190861US00/P220-0312US

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

ignature: <u>10ka 300 // 194</u> 30
oday's Date: <u>March 16 , 2626</u>

PATENFage 2 of 2 REEL: 052190 FRAME: 0364

RECORDED: 03/23/2020