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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki SHIBATA	11/14/2018
Hiroyuki SHIOIRI	11/20/2018
Mitsuaki TOMITA	11/14/2018
Shotaro KATO	11/14/2018
Yuki KUROSAKI	11/14/2018
Hiroyuki OGAWA	11/14/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16209264

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 184313 KATIE HERNANDEZ NAME OF SUBMITTER: **SIGNATURE:** /Katie Hernandez/ for James A. Oliff **DATE SIGNED:** 12/04/2018

PATENT REEL: 047669 FRAME: 0645 505218817

Total Attachments: 1

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PATENT REEL: 047669 FRAME: 0646

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) **ENGAGING DEVICE** relating to International Patent Application and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on (Insert date of execution of application, if not concurrent) (b) filed on Assignee's attorney is hereby authorized to insert in (b) the specified Serial No. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Hiroyuki SHIBATA (Type Name) Hiroyuki SHIOIRI (Type Name) Mitsuaki TOMITA (Type Name) Shotaro KATO (Type Name) Yuki KUROSAKI (Type Name) Hiroyuki OGAWA (Type Name)

RECORDED: 12/04/2018