PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6689995

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATILLA SAADAT DEHGHAN	04/24/2021
KEI USUI	04/22/2021

RECEIVING PARTY DATA

Name:	MUJIN, INC.
Street Address:	3-8-5 TATSUMI, KOTO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	135-0053

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17244224

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0077-0016US1
NAME OF SUBMITTER:	CHEN LI
SIGNATURE:	/Chen Li/
DATE SIGNED:	05/03/2021

Total Attachments: 4

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PATENT 506643185 REEL: 056123 FRAME: 0577

ASSIGNMENT

WHEREAS We the below named inventors (hereinafter referred to as ASSIGNOR), are the original, first and joint inventors, of the invention entitled:

METHOD AND COMPUTING SYSTEM FOR DETERMINING A VALUE OF AN ERROR PARAMETER INDICATIVE OF QUALITY OF ROBOT CALIBRATION

which is:

\boxtimes	attached hereto;		
\boxtimes	identified as Docket No. N	1J0063-US (0077-0016US1)	
	was filed on	as United States Application Serial No.	
	was filed ondesignated the United Stat	as PCT International Application Noes.	and

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the ASSIGNOR hereby:

Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to Mujin, Inc., a Japanese corporation, having a business address at 3-8-5 Tatsumi, Koto-ku, Tokyo, 135-0053, Japan, (hereinafter referred to as ASSIGNEE), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, and any application based in whole or in part upon the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application or claiming priority to the above-referenced patent application), and (c) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisional, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.

Authorizes and requests the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue said application (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

PATENT REEL: 056123 FRAME: 0578 Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and entirely at the ASSIGNEE'S expense, perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

Covenants and agrees that it has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

Further covenants and agrees that it will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Each undersigned inventor hereby grants the attorneys associated with Customer Number 160823, power to insert in this assignment any further identification that 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.

The undersigned inventor has affixed his signature.

1.	all Dandai	24/04/2021
	Atilla Saadat Dehghan	Date
2.		
	Kei Usui	Date

4819-9765-5270, v. 1

ASSIGNMENT

WHEREAS We the below named inventors (hereinafter referred to as ASSIGNOR), are the original, first and joint inventors, of the invention entitled:

METHOD AND COMPUTING SYSTEM FOR DETERMINING A VALUE OF AN ERROR PARAMETER INDICATIVE OF QUALITY OF ROBOT CALIBRATION

which	is:
	attached hereto;
	identified as Docket No. MJ0063-US (0077-0016US1)
	was filed onas United States Application Serial No
	was filed on as PCT International Application No and designated the United States.
	For good and valuable consideration, the receipt and sufficiency of which is hereby

acknowledged, we the ASSIGNOR hereby:

Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to Mujin, Inc., a Japanese corporation, having a business address at 3-8-5 Tatsumi, Koto-ku, Tokyo, 135-0053, Japan, (hereinafter referred to as ASSIGNEE), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, and any application based in whole or in part upon the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application or claiming priority to the above-referenced patent application); and (c) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisional, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims

Authorizes and requests the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue said application (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

intellectual property under (a) of this paragraph, in whole or in part.

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Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and entirely at the ASSIGNEE'S expense, perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

Covenants and agrees that it has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

Further covenants and agrees that it will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Each undersigned inventor hereby grants the attorneys associated with Customer Number 160823, power to insert in this assignment any further identification that 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.

The undersigned inventor has affixed his signature.

1.,.		
	Atilia Saadat Dehghan	Date
2.		April 22, 2021
	Kei Usui	Date

4819-9765-5270, v. 1

PATENT REEL: 056123 FRAME: 0581

RECORDED: 05/04/2021