PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUTAO YE	10/20/2020
PUTTICHAI LERTKULTANON	10/20/2020
ROSEN NIKOLAEV DIANKOV	10/20/2020

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:	18331650

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0077-0014US3	
NAME OF SUBMITTER:	TODD A. BAYNE JR., REG. NO. 78600
SIGNATURE:	/Todd A. Bayne Jr./
DATE SIGNED:	06/08/2023

Total Attachments: 2

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PATENT 507950320 REEL: 063898 FRAME: 0817

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 PERFORMING MOTION PLANNING BASED ON IMAGE INFORMATION GENERATED BY A CAMERA

which	is:	
\boxtimes	is attached hereto;	
\boxtimes	identified as Docket No. MJ0058-US (0077-0014US1)	
	was filed on as United States Application Serial No	
	was filed on as PCT International Application No and designated the United States.	
ackno	For good and valuable consideration, the receipt and sufficiency of which is hereby wledged, I 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.

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

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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.	V1 10 100	12/20/2020	
	Xutao YE	Date	****
2.	Palle Latheren	10/20/2020	
	Puttichai LERTKULTANON	Date	
2.	Fre U	10/20/2020	
	Rosen Nikolaev DIANKOV	Date	

4842-7226-4654, v. 1

PATENT REEL: 063898 FRAME: 0819