

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5833000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Masaya YOSHIDA	03/19/2019
Hajime NAKAHARA	10/22/2019
Takao YAMAGUCHI	10/22/2019
Daniel CHUNG	10/22/2019
RECEIVING PARTY DATA	
Name:	Kawasaki Jukogyo Kabushiki Kaisha
Street Address:	1-1, Higashikawasaki-cho 3-chome, Chuo-ku
City:	Kobe-shi, Hyogo
State/Country:	Japan
Postal Code:	650-8670
Name:	KAWASAKI ROBOTICS (USA), INC.
Street Address:	28140 LAKEVIEW DRIVE
City:	WIXOM
State/Country:	MICHIGAN
Postal Code:	48393
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16234084
CORRESPONDENCE DATA	
Fax Number:	(703)836-2787
<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>	
Phone:	703-836-6400
Email:	email@oliff.com
Correspondent Name:	JAMES A. OLIFF
Address Line 1:	OLIFF PLC
Address Line 2:	P.O. BOX 320850
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850
ATTORNEY DOCKET NUMBER:	184349

NAME OF SUBMITTER:	MELAT WOLDETSADIK
SIGNATURE:	/Melat Woldetsadik/
DATE SIGNED:	11/21/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=7037500_1#page1.tif source=7037500_1#page2.tif source=7037500_1#page3.tif source=7037500_1#page4.tif	

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))

For Application with Filing Date on or after September 16, 2012

(Two Assignees)

Insert	(1) Masaya YOSHIDA	(2) Hajime NAKAHARA
(1-8) Legal Name(s)	(3) Takao YAMAGUCHI	(4) Daniel CHUNG
of Inventor(s)	(5)	(6)
	(7)	(8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee	(9A) KAWASAKI JUKOGYO KABUSHIKI KAISHA
(10A) Insert Address of First Assignee	(10A) 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN
(9B) Insert Name of Second Assignee	(9B) KAWASAKI ROBOTICS (USA), INC.
(10B) Insert Address of Second Assignee	(10B) 28140 Lakeview Drive, Wixom MI, 48393 United States of America

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) METHOD OF TEACHING ROBOT AND ROBOT
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(Attorney Docket No. 184349), filed on even date herewith or as

(12) Alternative Identification for filed applications	(12) U.S. Application Number <u>16/234,084</u> filed <u>December 27, 2018</u>
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- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patents for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLE the power to insert on 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date _____ Inventor Signature _____ (SEAL)
Masaya YOSHIDA

Date Oct / 22 / 2019 Inventor Signature _____ (SEAL)
Hajime NAKAHARA

Date Oct / 22 / 2019 Inventor Signature _____ (SEAL)
Takao YAMAGUCHI

Date Oct / 22 / 2019 Inventor Signature _____ (SEAL)
Daniel CHUNG

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))
For Application with Filing Date on or after September 16, 2012**

(Two Assignees)

(1-8)	Insert Legal Name(s) of Inventor(s)	(1) <u>Masaya YOSHIDA</u> (3) <u>Takao YAMAGUCHI</u> (5) _____ (7) _____	(2) <u>Hajime NAKAHARA</u> (4) <u>Daniel CHUNG</u> (6) _____ (8) _____
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In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First Assignee	(9A) <u>KAWASAKI JUKOGYO KABUSHIKI KAISHA</u>
(10A)	Insert Address of First Assignee	(10A) <u>1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN</u>
(9B)	Insert Name of Second Assignee	(9B) <u>KAWASAKI ROBOTICS (USA), INC.</u>
(10B)	Insert Address of Second Assignee	(10B) <u>28140 Lakeview Drive, Wixom MI, 48393 United States of America</u>

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>METHOD OF TEACHING ROBOT AND ROBOT</u>
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(Attorney Docket No. 184349), filed on even date herewith or as

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- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patents for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
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- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

18P360US

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>March 19, 2019</u>	Inventor Signature	<u>Masaya Yoshida</u> Masaya YOSHIDA	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)