

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5369667

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yukio IWASAKI	01/15/2019
Satoshi OUCHI	01/15/2019
Eiji MITSUI	01/15/2019
Junichi MATSUOKA	01/11/2019
Yukihiko KITANO	01/07/2019

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:	MEDICAROID CORPORATION
Street Address:	1-6-5 Minatojima Minami-machi, Chuo-ku
City:	Kobe-shi, Hyogo
State/Country:	JAPAN
Postal Code:	650-0047

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16230562

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

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:	184587
NAME OF SUBMITTER:	KEIVONA D. GRAY
SIGNATURE:	/KeiVona D. Gray/
DATE SIGNED:	02/11/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=6379204_1#page1.tif source=6379204_1#page2.tif source=6379204_1#page3.tif source=6379204_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)	Yukio IWASAKI	(2)	Satoshi OUCHI
(1-3) Legal Name(s)	(3)	Eiji MITSUI	(4)	Junichi MATSUOKA
of Inventor(s)	(5)	Yukihiko KITANO	(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)	MEDICAROID CORPORATION
(10B) Insert Address of Second Assignee	(10B)	1-6-5 Minatojima Minami-machi, Chuo-ku, Kobe-shi, Hyogo 650-0047, JAPAN

(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)	END EFFECTOR, ROBOT AND ROBOT SYSTEM
--	------	--------------------------------------

(Attorney Docket No. 184387), filed on even date herewith or as

(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>16/230,562</u>
	filed	<u>December 21, 2018</u>

- 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 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.

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

Date January 15, 2019 Inventor Signature Yukio Iwasaki (SEAL)
Yukio IWASAKI

Date January 15, 2019 Inventor Signature Satoshi Ouchi (SEAL)
Satoshi OUCHI

Date January 15, 2019 Inventor Signature Eiji Mitsui (SEAL)
Eiji MITSUI

Date January 11th, 2019 Inventor Signature Junichi Matsuoka (SEAL)
Junichi MATSUOKA

Date _____ Inventor Signature _____ (SEAL)
Yukihiko KITANO

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)

Insert	(1)	<u>Yuki IWASAKI</u>	(2)	<u>Shoichi OUCHI</u>
(1-8) Legal Name(s)	(3)	<u>Eiji MITSUI</u>	(4)	<u>Junichi MATSUOKA</u>
of Inventor(s)	(5)	<u>Yukihiko KITANO</u>	(6)	<u></u>
	(7)	<u></u>	(8)	<u></u>

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-shome, Chuo-ku, Kobe-shi, Hyogo 650-8670, JAPAN</u>
(9B) Insert Name of Second Assignee	(9B)	<u>MEDICAROLD CORPORATION</u>
(10B) Insert Address of Second Assignee	(10B)	<u>1-6-5 Minatogimi Minami-machi, Chuo-ku, Kobe-shi, Hyogo 650-0047, JAPAN</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>END EFFECTOR, ROBOT AND ROBOT SYSTEM</u>
--	------	---

(Attorney Docket No. 184587), filed on even date herewith or as

(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>16/230,562</u>
	filed	<u>December 21, 2018</u>

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 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.

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

Date	Inventor Signature	(SEAL)
	Yukio IWASAKI	
Date	Inventor Signature	(SEAL)
	Satoshi GUCHI	
Date	Inventor Signature	(SEAL)
	Eiji MITSUBI	
Date	Inventor Signature	(SEAL)
	Yasuji MATSUOKA	
Date <u>Jan. 7, 2019</u>	Inventor Signature <u>Yoshihiko Kitano</u>	(SEAL)
	Yoshihiko KITANO	
Date	Inventor Signature	(SEAL)
Date	Inventor Signature	(SEAL)
Date	Inventor Signature	(SEAL)