

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5462027

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HIROAKI HIRAI	03/04/2019
	FUMIAKI YOSHIKAWA	03/14/2019
	EICHI WATANABE	03/19/2019
	YUMA NAGAKAWA	03/28/2019
	AKIRA KUROIWA	03/26/2019
	MITSunORI UEMURA	03/25/2019
	FURNIA MIYAZAKI	03/04/2019
RECEIVING PARTY DATA		
Name:	OSAKA UNIVERSITY	
Street Address:	1-1, YAMADAOKA, SUITA-SHI	
City:	OSAKA	
State/Country:	JAPAN	
Postal Code:	565-0871	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16330409	
CORRESPONDENCE DATA		
Fax Number:	(216)621-6165	
<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:	2166211113	
Email:	ip@rennerotto.com	
Correspondent Name:	MARK D. SARALINO	
Address Line 1:	1621 EUCLID AVENUE	
Address Line 2:	FLOOR 19	
Address Line 4:	CLEVELAND, OHIO 44115	
ATTORNEY DOCKET NUMBER:	KOMOP0246WOUS	
NAME OF SUBMITTER:	MARK D. SARALINO	
SIGNATURE:	/Mark D. Saralino/	
DATE SIGNED:	04/08/2019	

PATENT

Total Attachments: 9

source=2019-04-08_OathDecAssn_P0246WOUS#page1.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page2.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page3.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page4.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page5.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page6.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page7.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page8.tif
source=2019-04-08_OathDecAssn_P0246WOUS#page9.tif

COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76)
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

Title:

MOTION ANALYZING DEVICE, MOTION ANALYZING METHOD, AND MOTION ANALYZING PROGRAM**I. DECLARATION**

As a below named inventor or joint inventor, I hereby declare that:

This declaration is directed to:

(a) _____ the attached application, or

(b) x United States application or PCT international application number PCT/JP2017/032049
filed on September 06, 2017

The above-identified application was made or authorized by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application.

I hereby acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

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

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(c) _____ no such application have been filed.

(d) x such applications have been filed as follows.**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119			
JP	2016-173385	06 September 2016	<u> x </u>	Yes	<u> </u>	No
			<u> </u>	Yes	<u> </u>	No

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

OSAKA UNIVERSITY
1-1, Yamadaoka, Suita-shi
Osaka 565-0871 JAPAN

ASSIGNEE:

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:	<i>Hiroaki Hirai</i>	Date:	March-4, 2019
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KUROIWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added ____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application.

____ This combined declaration and assignment ends with this page.

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Second Inventor and Assignor: Fumiki YOSHIKAWA	
Inventor's signature: Fumiki Yoshikawa	Date: March 14, 2019
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Third Inventor and Assignor: Eichi WATANABE	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Fifth Inventor and Assignor: Akira KUROKAWA	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI	
Inventor's signature:	Date:
Post Office Address: c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN	

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

Signature for sixth and subsequent joint inventors and assignors; number of pages added

Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application

This combined declaration and assignment ends with this page

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:	Eichi Watanabe	Date:	March, 19, 2019
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KUROIWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added ____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application.

____ This combined declaration and assignment ends with this page.

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:	<i>Yuma Nagakawa</i>	Date:	<i>March, 28, 2009</i>
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KUROIWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added ____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application.

____ This combined declaration and assignment ends with this page.

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KUROIWA			
Inventor's signature:	Akira Kuroiwa	Date:	March, 26, 2019
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added _____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application.

____ This combined declaration and assignment ends with this page.

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KURONWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:	Mitsunori Uemura	Date:	March. 25, 2019
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added _____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application. _____

____ This combined declaration and assignment ends with this page. _____

Full Name of Sole or First Inventor and Assignor: Hiroaki HIRAI			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Second Inventor and Assignor: Fumiaki YOSHIKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Third Inventor and Assignor: Eichi WATANABE			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fourth Inventor and Assignor: Yuma NAGAKAWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Fifth Inventor and Assignor: Akira KUROIWA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Sixth Inventor and Assignor: Mitsunori UEMURA			
Inventor's signature:		Date:	
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

Full Name of Seventh Inventor and Assignor: Fumio MIYAZAKI			
Inventor's signature:	<i>Fumio Miyazaki</i>	Date:	<i>March 4, 2019</i>
Post Office Address:	c/o OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

____ Signature for sixth and subsequent joint inventors and assignors; number of pages added _____

____ Added page to this combined declaration and assignment for divisional, continuation, or
continuation-in-part (CIP) application.

☒ X This combined declaration and assignment ends with this page.