

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7113273

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hidemasa YASUDA	10/29/2021
Akio OCHI	10/29/2021
Kenji HAYAMA	11/01/2021
Tomoka TSUJIUCHI	11/15/2021
Kazuyuki NAKAKITA	09/22/2021
Taku NONOMURA	10/06/2021
Atsushi KOMURO	10/07/2021
Keisuke TAKASHIMA	10/11/2021
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:	TOHOKU UNIVERSITY
Street Address:	2-1-1 Katahira, Aoba-ku
City:	Sendai-shi, Miyagi
State/Country:	JAPAN
Postal Code:	980-8577
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17508638
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:	JOHN A. RADL
Address Line 1:	OLIFF PLC

PATENT

Address Line 2: P.O. BOX 320850
Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	197842.01
NAME OF SUBMITTER:	KEIVONA GRAY
SIGNATURE:	/KeiVona Gray/
DATE SIGNED:	01/10/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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source=Assignment-Declaration#page6.tif
source=Assignment-Declaration#page7.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) <u>Hidemasa YASUDA</u>	(2) <u>Akio OCHI</u>
(1-8) Legal Name(s)	(3) <u>Kenji HAYAMA</u>	(4) <u>Tomoka TSUJIUCHI</u>
of Inventor(s)	(5) <u>Kazuyuki NAKAKITA</u>	(6) <u>Taku NONOMURA</u>
	(7) <u>Atsushi KOMURO</u>	(8) <u>Keisuke TAKASHIMA</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-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670, JAPAN</u>
(9B) Insert Name of Second Assignee	(9B) <u>TOHOKU UNIVERSITY</u>
(10B) Insert Address of Second Assignee	(10B) <u>2-1-1 Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, 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) FLOW CONTROL METHOD AND ROTARY WING UNIT

(Attorney Docket No. 197842.01), filed on even date herewith or as

(12) Alternative Identification for filed applications

(12) U.S. Application Number 17/508,638

filed October 22, 2021

- 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	<u>Oct. 29. 2021</u>	Inventor Signature	<u>Hidemasa Yasuda</u> Hidemasa YASUDA	(SEAL)
Date	<u>Oct. 29. 2021</u>	Inventor Signature	<u>Akio Ochi</u> Akio OCHI	(SEAL)
Date	<u>Nov. 1. 2021</u>	Inventor Signature	<u>Kenji Hayama</u> Kenji HAYAMA	(SEAL)
Date	<u>Nov. 15. 2021</u>	Inventor Signature	<u>Tomoka Tsujuchi</u> Tomoka TSUJUCHI	(SEAL)
Date	_____	Inventor Signature	_____ Kazuyuki NAKARITA	(SEAL)
Date	_____	Inventor Signature	_____ Taku NONOMURA	(SEAL)
Date	_____	Inventor Signature	_____ Atsushi KOMURO	(SEAL)
Date	_____	Inventor Signature	_____ Keisuke TAKASHIMA	(SEAL)

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(Two Assignees)

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(1-8) Legal Name(s)	(3)	<u>Kenji HAYAMA</u>	(4)	<u>Tomoka TSUJIUCHI</u>
of Inventor(s)	(5)	<u>Kazuyuki NAKAKITA</u>	(6)	<u>Taku NONOMURA</u>
	(7)	<u>Atsushi KOMURO</u>	(8)	<u>Keisuke TAKASHIMA</u>

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(11) FLOW CONTROL METHOD AND ROTARY WING UNIT

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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 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)
Hidemasa YASUDA

Date _____ Inventor Signature _____ (SEAL)
Akio OCHI

Date _____ Inventor Signature _____ (SEAL)
Kengi HAYAMA

Date _____ Inventor Signature _____ (SEAL)
Tomoko TSUBUCHI

Date 2021/9/22 Inventor Signature Kazuyuki Sakakita (SEAL)
Kazuyuki SAKAKITA

Date _____ Inventor Signature _____ (SEAL)
Taku NONOMURA

Date _____ Inventor Signature _____ (SEAL)
Atsushi KOMURO

Date _____ Inventor Signature _____ (SEAL)
Katsuke TAKASHIMA

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

Date _____ Inventor Signature _____ (SEAL)
Hidemasa YASUDA

Date _____ Inventor Signature _____ (SEAL)
Akio OCHI

Date _____ Inventor Signature _____ (SEAL)
Kenji HAYAMA

Date _____ Inventor Signature _____ (SEAL)
Tomoka TSUJIUCHI

Date _____ Inventor Signature _____ (SEAL)
Kazuyuki NAKAKITA

Date October, 6th, 2021 Inventor Signature  (SEAL)
Taku NONOMURA

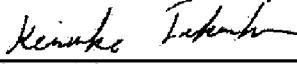
Date _____ Inventor Signature _____ (SEAL)
Atsushi KOMURO

Date _____ Inventor Signature _____ (SEAL)
Keisuke TAKASHIMA

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

Date	_____	Inventor Signature	_____ (SEAL)
			Hidemasa YASUDA
Date	_____	Inventor Signature	_____ (SEAL)
			Akio OCHI
Date	_____	Inventor Signature	_____ (SEAL)
			Konji HAYAMA
Date	_____	Inventor Signature	_____ (SEAL)
			Tomoka TSUJUCHI
Date	_____	Inventor Signature	_____ (SEAL)
			Kazuyuki NAKAKITA
Date	_____	Inventor Signature	_____ (SEAL)
			Taku NONOMURA
Date	<u>October 7, 2021</u>	Inventor Signature	<u><i>Aisushi Komuro</i></u> (SEAL)
			Aisushi KOMURO
Date	_____	Inventor Signature	_____ (SEAL)
			Keisuke TAKASHIMA

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

Date _____	Inventor Signature _____ (SEAL) Hidemasa YASUDA
Date _____	Inventor Signature _____ (SEAL) Akio OCHI
Date _____	Inventor Signature _____ (SEAL) Kenji HAYAMA
Date _____	Inventor Signature _____ (SEAL) Tomoka TSUJUCHI
Date _____	Inventor Signature _____ (SEAL) Kazuyuki NAKAKITA
Date _____	Inventor Signature _____ (SEAL) Taku NONOMURA
Date _____	Inventor Signature _____ (SEAL) Atsushi KOMURO
Date 2021/10/11	Inventor Signature  _____ (SEAL) Keisuke TAKASHIMA