PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7499448

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE FIRST ASSIGNEE. SPECIFICALLY AMENDING THE SPELLING OF "TAKAI" TO "TOKAI" previously recorded on Reel 060605 Frame 0396. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
TETUYA MOURI	05/23/2022
TOMOE OZEKI	05/23/2022
YUKI YAMADA	05/31/2022
KAZUHIRO KUME	06/01/2022
AKIHIRO KANDA	06/02/2022
KAZUYUKI TAKITA	06/06/2022

RECEIVING PARTY DATA

NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM	
Street Address:	1, FURO-CHO
Internal Address:	CHIKUSA-KU, NAGOYA-SHI
City:	AICHI
State/Country:	JAPAN
Postal Code:	464-8601
Name:	MIZUNO CORPORATION
Street Address:	1-23, KITAHAMA 4-CHOME
Internal Address:	CHUO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	541-8538

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17572972

CORRESPONDENCE DATA

Fax Number:

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.

PATENT REEL: 061354 FRAME: 0371

507452557

Phone: 4048853000

Email: thomas.lutz@troutman.com

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP

Address Line 1: 600 PEACHTREE STREET, NE

Address Line 2: SUITE 3000

Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER:	MIZ270	
NAME OF SUBMITTER:	JAMES E. SCHUTZ	
SIGNATURE:	/James E. Schutz, Reg. #48658/	
DATE SIGNED:	08/23/2022	

Total Attachments: 12

source=MIZ270_MarkedUpCoverSheet#page1.tif

source=MIZ270_MarkedUpCoverSheet#page2.tif

source=MIZ270_Assignment#page1.tif

source=MIZ270_Assignment#page2.tif

source=MIZ270 Assignment#page3.tif

source=MIZ270 Assignment#page4.tif

source=MIZ270_Assignment#page5.tif

source=MIZ270_Assignment#page6.tif

source=MIZ270 Assignment#page7.tif

source=MIZ270_Assignment#page8.tif

source=MIZ270_Assignment#page9.tif

source=MIZ270_Assignment#page10.tif

PATENT

REEL: 061354 FRAME: 0372

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7449068

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETUYA MOURI	05/23/2022
TOMOE OZEKI	05/23/2022
YUKI YAMADA	05/31/2022
KAZUHIRO KUME	06/01/2022
AKIHIRO KANDA	06/02/2022
KAZUYUKI TAKITA	06/06/2022

National University Corporation Tokai National

RECEIVING PARTY DATA

Higher Education and Research System

ringuist Education and Aescar in System				
Name:	NATIONAL UNIVERSITY CORPORATION TAKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM			
Street Address:	1, FURO-CHO			
Internal Address:	CHIKUSA-KU, NAGOYA-SHI			
City:	AICHI			
State/Country:	JAPAN			
Postal Code:	464-8601			
Name:	MIZUNO CORPORATION			
Street Address:	1-23, KITAHAMA 4-CHOME			
Internal Address:	CHUO-KU, OSAKA-SHI			
City:	OSAKA			
State/Country:	JAPAN			
Postal Code:	541-8538			
·				

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17572972	

CORRESPONDENCE DATA

Fax Number:

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: 4048853000

Email: thomas.lutz@troutman.com

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP

PATENT REEL: 061354 FRAME: 0373

507402140

Address Line 1: 600 PEACHTREE STREET, NE

Address Line 2: SUITE 3000

Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER:	MIZ270	
NAME OF SUBMITTER:	JAMES E. SCHUTZ	
SIGNATURE:	/James E. Schutz, Reg. #48658/	
DATE SIGNED:	07/25/2022	

Total Attachments: 10

source=MIZ270_Assignment#page1.tif source=MIZ270_Assignment#page2.tif source=MIZ270_Assignment#page3.tif source=MIZ270_Assignment#page4.tif source=MIZ270_Assignment#page5.tif source=MIZ270_Assignment#page6.tif

source=MIZ270__Assignment#page7.tif source=MIZ270__Assignment#page8.tif

source=MIZ270_Assignment#page9.tif

 $source = MIZ270 _Assignment \# page 10.tif$

PATENT REEL: 061354 FRAME: 0374

ASSIGNMENT

		Application No.	17/5/2,972	FIIE	o January II, 202	. Z
Insert Name(s) of Inventor(s)	***	WHEREAS,	Tetuya MOURI, Tor	noe OZEKI, Yuki	L YAMADA,	·
C) 1114 (1110) (0)		Kazuhiro KUM	IE, Akihiro KANDA,	and Kazuyuki '	TAKITA	
		(hereinafter designat	ted as the undersigned) has (h	ave) invented certain nev	w and useful improvements in	
Insert Title of Invention	858)		ess Measuring Dev			
Insert Date of Signing of		undersigned (except May 31.	ation for Letters Patent of in the case of a provisional ap 2022		umerica has been executed b	
Application Insert Name	1889	ON		araina Camara	***************************************	
of Assignee			(1) National Univ			
			ation and Research	ı system and		
Insert Address	***		CORPORATION		21.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	·*************************************
of Assignee	1688)		nro-cho, Chikusa-k			
		(2) 1-23, Kit	ahama 4-chome, Chu	o-ku, Osaka-shi	, Osaka 541-8538 Ja	apan
		·····				
CHECK BOX IF APPROPRIATE	888) -	desirous of acquir	ors, legal representatives a ring the entire right, title a that may be granted theref foreign countries.	nd interest in and to	said invention and in and t	
		hand paid, the rec the undersigned h and transfer unto of America, its ten to any and all Let	EFORE, in consideration of eipt of which is hereby ack as (have) sold, assigned an said Assignee the full and e ritories, dependencies and pters Patent(s) which may blencies and possessions, ar	nowledged, and other described transferred, and by kelusive right to the secondaries and the endergranted therefor in the contraction of the contr	good and valuable consider these presents does sell, a aid invention in the United S itire right, title and interest the United States of Americ	ration, assign States in and ca, its
		and to any and all	divisions, reissues, continu	ations, conversions ar	nd extensions thereof for th	ne full

PATENT REEL: 061354 FRAME: 0375

term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Troutman Pepper Hamilton Sanders LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(1) Date	· į.	Name of Inventor	
	,		Tetuya MOURI
(2) Date		Name of Inventor	T. ATTIVIT
			TOMOG ONERT
(3) Date	May 31,2022	Name of Inventor	Yuki Yamada
			Yuki YAMADA
(4) Date	· · · · · · · · · · · · · · · · · · ·	Name of Inventor	
			Kazuhiro KUME
(5) Date	•	Name of Inventor	
		.	Akihiro KANDA
(6) Date	į.	Name of Inventor	
		,,	Kazuyuki TAKITA
(7) Date		Name of Inventor	

ASSIGNMENT

		Application No. 17/572,972 Filed January 11, 2022				
Insert Name(s) of Inventor(s)	→	WHEREAS, Tetuya MOURI, Tomoe OZEKI, Yuki YAMADA, Kazuhiro KUME, Akihiro KANDA, and Kazuyuki TAKITA				
Insert Title of Invention	→	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in Object Hardness Measuring Device and Method				
Insert Date of Signing of Application Insert Name		for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).				
	→	on June 1, 2022 ; and WHEREAS, (1) National University Corporation Tokai National				
of Assignee		Higher Education and Research System and				
•	(2) MIZUNO CORPORATION					
Insert Address of Assignee	→	of (1) 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 Japan				
	,	(2) 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 Japan				
•						
CHECK BOX IF APPROPRIATE	=	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.				
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;				

term or terms for which the same may be granted.

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Troutman Pepper Hamilton Sanders LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(1) Date	, Name of Inventor
	Tetuya MOURI
(2) Date	, Name of Inventor
	Tomoe OZEKI
(3) Date	, Name of Inventor
	Yuki YAMADA
(4) Date June 1, 2022	, Name of Inventor Kayuhiro Kume
,	Kazul∜iro KUME
(5) Date	, Name of Inventor
	Akihiro KANDA
(6) Date	, Name of Inventor
	Kazuyuki TAKITA
(7) Date	, Name of Inventor

ASSIGNMENT

	Application No. 17/572,972 Filed January 11, 2022			
Insert Name(s) of Inventor(s)	WHEREAS, Tetuya MOURI, Tomoe OZEKI, Yuki YAMADA, Kazuhiro KUME, Akihiro KANDA, and Kazuyuki TAKITA			
Insert Title of Invention	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in Object Hardness Measuring Device and Method			
Insert Date of Signing of Application Insert Name of Assignee	for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).			
	(2) MIZUNO CORPORATION			
Insert Address of Assignee	of (1) 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 Japan (2) 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 Japan			
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.			

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT REEL: 061354 FRAME: 0379

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Troutman Pepper Hamilton Sanders LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(1) Date	, Name o	of Inventor
		Tetuya MOURI
(2) Date	. Name o	of Inventor
		Tomoe OZEKI
(3) Date	Name o	of Inventor
		Yuki YAMADA
(4) Date	, Name o	of Inventor
		Kazuhiro KUME
(5) Date <u> </u>	2,2022, Name o	of Inventor (Akihimo Kanda
		Akihiro KANDA
(6) Date	, Name o	of Inventor
		Kazuyuki TAKITA
(7) Date	Name o	of Inventor

ASSIGNMENT

		Application No17/572, 972 Filed January 11, 2022
Insert Name(s) of Inventor(s)	***	WHEREAS, Tetuya MOURI, Tomoe OZEKI, Yuki YAMADA, Kazuhiro KUME, Akihiro KANDA, and Kazuyuki TAKITA
Insert Title of Invention	-	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in Object Hardness Measuring Device and Method
Insert Date of		for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).
Signing of Application	-	June $6,2022$ on ; and
Insert Name	⇒	WHEREAS, (1) National University Corporation Tokai National
of Assignee		Higher Education and Research System and
		(2) MIZUNO CORPORATION
Insert Address of Assignee	-	of (1) 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 Japan
01 7 (00)8/100		(2) 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 Japan
CHECK BOX IF APPROPRIATE	700) -	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;
		and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full

term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Troutman Pepper Hamilton Sanders LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(1) Date	Name of Inventor	
	_	Tetuya MOURI
(2) Date ,	Name of Inventor_	
		Tomoe OZEKI
(3) Date ,	Name of Inventor_	
		Yuki YAMADA
(4) Date ,	Name of Inventor_	
		Kazuhiro KUME
(5) Date,	Name of Inventor_	
		Akihiro KANDA
(6) Date June 8, 2012.	Name of Inventor	Kazuruki Takita
	_	Kazuyuki TAKITA
(7) Date ,	Name of Inventor	

ASSIGNMENT

		Application No.	17/572,972		Filed Janua	ary 11, 2022	
Insert Name(s) of Inventor(s)	→	WHEREAS, Kazuhiro KUN	_Tetuya MOURI,	Tomoe OZEKI,		.,	
			-				
Insert Title	→	_	ted as the undersigned)			improvements in	
of Invention		Object Hardness Measuring Device and Method					
Insert Date of			eation for Letters Pate in the case of a provisi		s of America has	been executed by the	
Signing of Application	→	on May 23	, 2022			; and	
Insert Name	→	WHEREAS,	(1) National	University Cor	poration To	 · ·	
of Assignee		Higher Educ	nd				
		(2) MIZUNO CORPORATION					
Insert Address of Assignee	→	of (1) 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 Ja					
OI Assignee		(2) 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 Ja					
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the As desirous of acquiring the entire right, title and interest in and to said invention and in a Letters Patent(s) that may be granted therefor in the United States of America and X in any and all foreign countries.					on and in and to any	
		NOW, THER hand paid, the red the undersigned h and transfer unto of America, its ter to any and all Let	EFORE, in considerat eipt of which is herek as (have) sold, assign said Assignee the full ritories, dependencies ters Patent(s) which	oy acknowledged, and led and transferred, a and exclusive right to and possessions and may be granted there	other good and vand by these present the said invention the entire right, tith for in the United S	to the undersigned in aluable consideration, ents does sell, assign in the United States tle and interest in and States of America, its in any and all foreign	

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

countries;

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Troutman Pepper Hamilton Sanders LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(1) Date May 23, 2022.	Name of Inventor_	Tetuya Mouri
·		Tetuya MOURI Jonnoe Ozeki
, , , , , , , , , , , , , , , , , , ,		TOMOG UZEKI
		Yuki YAMADA
(4) Date ,		Kazuhiro KUME
(5) Date ,	Name of Inventor_	Akihiro KANDA
(6) Date,	Name of Inventor	
(7) Date ,	Name of Inventor	Kazuyuki TAKITA