506979563 11/16/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7026402

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIKI TAKEUCHI	08/16/2021
HIROSHI TAKUNO	09/07/2021
KAZUAKI KAMIMURA	09/03/2021
TAKESHI NAKAMURA	09/07/2021
TAKAHIRO YOSHIMURA	10/07/2021

RECEIVING PARTY DATA

Name:	JTEKT CORPORATION
Street Address:	1-1, ASAHI-MACHI
City:	KARIYA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	448-8652
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
Street Address: City:	1, TOYOTA-CHO TOYOTA-SHI, AICHI-KEN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17481853

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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) 413-3000
Email: ktillman@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 539474US

PATENT REEL: 058122 FRAME: 0951

506979563

NAME OF SUBMITTER:	KAYLA TILLMAN
SIGNATURE:	/Kayla Tillman/
DATE SIGNED:	11/16/2021
Total Attachments: 6	
source=DECASN#page1.tif	
source=DECASN#page2.tif	
source=DECASN#page3.tif	
source=DECASN#page4.tif	
source=DECASN#page5.tif	
source=DECASN#page6.tif	

Attorney Docket No.: 539474US Client Ref.:P200119US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	WET FRICTION DISC		
As the below	v named inventor, I hereby declare that:		
This declarati	The attached application, or		
	United States application or PCT international application number filed on September 22, 2021	-	
The above-ide	dentified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.			
I am aware of	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.		
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment o ve (5) years, or both. JTEKT CORPORATION	f not	
WHEREAS,	TOYOTA JIDOSHA KABUSHIKI KAISHA , with offices	at	
1-1, As	sahi-machi, Kariya-shi, Aichi-ken, 448-8652 Japan		
_1, Toyo	vota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan	_,	
maamaatirrales ((homination reformed to an ACCICNIECS) and desirance of injustry appropriate all interest in to and render said invention of	.: 4	

respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any renewal or reissues of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;

And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

NAME OF SOLE OR FIRST INVENTOR:			
Given Name			
(first and middle [if any]) Yoshiki	Family Name or Surname	TAKEUCHI	
Inventor's signature /Yoshiki Takeuchi/	Date	August 16, 2021	
Residence: Kariya-shi, Aichi, Japan			
c/o JTEKT CORPORATION			
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aich	i-ken, 448-8652 Japan		
NAME OF SECOND INVENTOR:	, <u>1</u>		
Given Name (first and middle [if any]) Hiroshi	Family Name or Surname	TAKUNO	
Inventor's signature	Date		
Residence: Nukata-gun, Aichi, Japan			
c/o JTEKT CORPORATION			
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aich	i-ken, 448-8652 Japan		
NAME OF THIRD INVENTOR:	_		
Given Name (first and middle [if any]) Kazuaki	Family Name or Surname	KAMIMURA	
Inventor's signature	Date		
Residence: Takahama-shi, Aichi, Japan			
c/o JTEKT CORPORATION			
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aich	i-ken, 448-8652 Japan		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any]) Takeshi	Family Name or Surname	NAKAMURA	
(first and middle [ir any])	Talling Name of Surname		
Inventor's signature	Date		
Residence: Kashiwara-shi, Osaka, Japan			
c/o JTEKT CORPORATION			
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652 Japan			
NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any]) Takahiro	Family Name or Surname	YOSHIMURA	
Inventor's signature	Date		
Residence: Toyota-shi, Aichi-ken, Japan			
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA			
Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-k	en, 471-8571 Japan		

	000000000000000000000000000000000000000	000000000000000000000000000000000000000		
NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Yoshiki	Family Name or Surname	TAKEUCHI		
Inventor's signature	Date	e		
Residence: Kariya-shi, Aichi, Japan				
c/o JTEKT CORPORAT	ION			
Mailing Address: 1-1, Asahi-machi, Kariya	ı-shi, Aichi-ken, 448-8652 Japar	1		
NAME OF SECOND INVENTOR:				
Given Name				
(first and middle [if any]) Hiroshi	Family Name or Sumame	TAKUNO		
	/			
Inventor's signature / Hiroshi 7	arcuno/ Date	_e Sep.7.2021		
Residence: Nukata-gun, Aichi, Japan				
c/o JTEKT CORPORAT	ION			
Mailing Address: 1-1, Asahi-machi, Kariya	ı-shi, Aichi-ken, 448-8652 Japar	1		
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Kazuaki	Family Name or Surname	KAMIMURA		
(ms unu mudde m uny))	Tanary Panto O. Santano			
Inventor's signature	Date	e		
	1 33-44-	-		
Residence: Takahama-shi, Aichi, Japan				
c/o JTEKT CORPORAT	ION			
	ı-shi, Aichi-ken, 448-8652 Japar	1		
		x		
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any]) Takeshi	T'1-NiC	NAKAMURA		
(first and middle [if any]) I akesni	Family Name or Sumame	TANKE TAKE TAKE		
Inventor's signature	First	0		
invenior's signature	Dat	<u> </u>		
Residence: Kashiwara-shi, Osaka, Japan				
c/o JTEKT CORPORATION				
1 1 1 1 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1				
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652 Japan				
NAME OF FIFTH INVENTOR:				
Given Name		\$7.6°\$\$\$\$\\$\$T\$\$\&		
(first and middle [if any]) Takahiro	Family Name or Surname	YOSHIMURA		
	-			
Inventor's signature	Dat	2		
Residence: Toyota-shi, Aichi-ken, Japan				
Residence: 1 Oyota-Sni, Alcni-Ken, Japan c/o TOYOTA JIDOSHA KABUSHIKI KAISHA				
מ רוכיו ל דיניו ל				
Mailing Address: 1, Toyota-cho, Toyota-sh	ni, Aichi-ken, 471-8571 Japan	***************************************		

NAME OF SOLE OR FIRST INVENTOR:				
Given Name	CRI A NETROLETANENE			
(first and middle [if any]) Yoshiki	Family Name or Surname TAKEUCHI			
Inventor's signature	Date			
Varing aki Aiaki Jaman				
Residence: Kariya-shi, Aichi, Japan				
c/o JTEKT CORPORAT				
Mailing Address: 1-1, Asahi-machi, Kariya	a-shi, Aichi-ken, 448-8652 Japan			
NAME OF SECOND INVENTOR:				
Given Name				
(first and middle [if any]) Hiroshi	Family Name or Sumame TAKUNO			
Inventor's signature	Date			
Residence: Nukata-gun, Aichi, Japan				
c/o JTEKT CORPORAT	ION			
	a-shi, Aichi-ken, 448-8652 Japan			
	A STAGE AND			
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Kazuaki	Family Name or Surname KAMIMURA			
Inventor's signature / Kazuaki Kan	nimura/ Date September 3, 2021			
anyonion o ingliancis o	1,5000			
Residence: Takahama-shi, Aichi, Japan				
c/o JTEKT CORPORAT	ION			
	a-shi, Aichi-ken, 448-8652 Japan			
······································	A CHAIL AND AND A CO COOK SUPPLIES			
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any]) Takeshi	Family Name or Sumame NAKAMURA			
(That and Iniddle (If this))	Tuning Name of Sumane			
Inventor's signature	Date			
inventor 5 signature 15th				
Residence: Kashiwara-shi, Osaka, Japan				
c/o JTEKT CORPORATION				
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652 Japan				
NAME OF FIFTH INVENTOR:				
Given Name (first and middle [if any]) Takahiro	Family Name or Surname YOSHIMURA			
Inventor's signature	Date			
Residence: Toyota-shi, Aichi-ken, Japan				
c/o TOYOTA JIDOSHA	KABUSHIKI KAISHA			
Mailing Address: 1, Toyota-cho, Toyota-sl	hi, Aichi-ken, 471-8571 Japan			

NAME OF SOLE OR FIRST INVENTO	00000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
Given Name			
	Yoshiki	Family Name or Surname	TAKEUCHI
		3	
Inventor's signature		Date	
	*		
Residence: Kariya-shi, Aichi,			
c/o JTEKT CO			
Mailing Address: 1-1, Asahi-mac	hi, Kariya-shi, Aichi-	ken, 448-8652 Japan	
NAME OF SECOND INVENTOR:	***************************************	***************************************	***************************************
Given Name	∵gro ny s		ያምና 4 'P' ፖለፕ ፕሎስ
(first and middle [if any])	Iiroshi	Family Name or Sumame	TAKUNO
Inventor's signature		Date	
Residence: Nukata-gun, Aichi.	Japan		
c/o JTEKT CO			
	hi, Kariya-shi, Aichi-	ken 448-8652 Janan	
		wee, co ooo a again	
NAME OF THIRD INVENTOR:	***************************************		
Given Name (first and middle [if any])	Cazuaki	Family Name or Surname	KAMIMURA
(mst une mieete (m arry))		1 drifty I valle of Salitatio	
Inventor's signature		Date	
Residence: Takahama-shi, Aic			
c/o JTEKT CO	RPORATION		
Mailing Address: 1-1, Asahi-mac	hi, Kariya-shi, Aichi-	ken, 448-8652 Japan	
NAME OF FOURTH INVENTOR:			
Given Name			
(first and middle [if any])	<u> Fakeshi</u>	Family Name or Sumame	NAKAMURA
Mal	¢eshi NaKamura∕		0 70004
Inventor's signature / 107		Date	Sep.7.2021
Veshiwara shi Osaka Janan			
Residence: Kashiwara-shi, Osaka, Japan			
c/o JTEKT CORPORATION			
Mailing Address: 1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652 Japan			
NAME OF FIFTH INVENTOR:			
Given Name	Takahiro -	т ты о	YOSHIMURA
(first and middle [if any])	8. 68.5%(\$\$\$\$\$\$\$\$\$\$\$	Family Name or Surname	A. V. A. R.
Inventor's signature		Date	
Residence: Toyota-shi, Aichi-ken, Japan			
c/o TOYOTA J	IDOSHA KABUSHI	KI KAISHA	
Mailing Address: 1, Toyota-cho,	Toyota-shi, Aichi-kei	n, 471-8571 Japan	
***************************************	***************************************	***************************************	***************************************

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
NAME OF SOLE OR FIRST IN	VENTOR:		
Given Name	Yoshiki		TAKEUCHI
(first and middle (if any))	8.050888088	Family Name or Surname	A MANAGORA
Inventor's signature		Date	
Residence: Kariya-shi, A	MCIII, Japan T CORPORATION		
NOTE : THE SECOND OF THE SECO	기가를 하다니 하고 하고 있다면 다니다. 그 이 사람이다.	Aichi-ken, 448-8652 Japan	
Mailing Address: 1-1, ASall NAME OF SECOND INVENTO		TXIOTI-KOII, TTO-BOJZ Japan	
Given Name			
(first and middle [if any])	Hiroshi	Family Name or Surname	TAKUNO
Inventor's signature		Date	
Residence: Nukata-gun,	Aichi, Japan		
c/o JTEK	T CORPORATION		
Mailing Address: 1-1, Asah	ni-machi, Kariya-shi,	Aichi-ken, 448-8652 Japan	
NAME OF THIRD INVENTOR:			
Given Name	Kazuaki		KAMIMURA
(first and middle (if any))	27.00 & 82.00 FL	Family Name or Surname	8X78:YX81YX Q7XX7X
Inventor's signature		Date	
	ii, Aichi, Japan T CORPORATION		
		Aichi-ken, 448-8652 Japan	
Mailing Address: 1-1, ASAN NAME OF FOURTH INVENTO	anna ann an ann an ann an an an an an an	7.X10111 RVII; TIYO OO Z. 30.D011	
Given Name	DN.		
(first and middle (if any))	Takeshi	Family Name or Surname	NAKAMURA
inventor's signature		<u> Date</u>	
Residence: Kashiwara-sh	ni, Osaka, Japan	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
c/o JTEK	T CORPORATION		
Mailing Address: 1-1, Asah	i-machi, Kariya-shi,	Aichi-ken, 448-8652 Japan	
NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any])	Takahiro	Family Name or Surname	YOSHIMURA
Inventor's signature Z	hahiro Yesh	Limuza Date	October 7. 202/
Residence: Toyota-shi, A	lichi-ken, Japan	- 19 1	
)TA JIDOSHA KAB	USHIKI KAISHA	
Mailing Address: 1, Toyota-	-cho, Toyota-shi, Aic	chi-ken, 471-8571 Japan	
·····	***************************************	······································	

RECORDED: 11/16/2021