505183172 11/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5229941

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masayuki FUJIKAWA	10/17/2018
Kazuya TONO	10/09/2018

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha		
Street Address:	Iress: 1, Toyota-cho		
City:	Toyota-shi, Aichi-ken		
State/Country:	Japan		
Postal Code:	de: 471-8571		
Name:	Sekiso Corporation		
Name: Street Address:	Sekiso Corporation 1-3, Hinakitamachi		
	·		
Street Address:	1-3, Hinakitamachi		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16159032

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@oliff.com Email: Correspondent Name: JAMES A. OLIFF **OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	183439
NAME OF SUBMITTER:	JASMINE L. BARFIELD
SIGNATURE:	/Jasmine L. Barfield/

PATENT REEL: 047459 FRAME: 0362 505183172

DATE SIGNED: 11/09/2018

Total Attachments: 2
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PATENT REEL: 047459 FRAME: 0363

ASSIGNMENT (Two Assignees)

	Insert	(1)	Masayuki FUJIKAWA	(2)	Кагиуа ТОМО			
(1-8)	Legal Name(s)	(3)		(4)		***************************************		
	of Inventor(s)	(5)		(6)				
		(7)		(8)				
		the unders	ration of the sum of one dollar signed, the receipt and sufficier d hereby does assign, transfer a	(\$1.00) and other i	good and valuable consideration	on paid to each of		
(9A)	Insert Name of First Assignee	(9A)	TOYOTA JIDOSHA KABI	USHIKI KAISHA				
(10A)	Insert Address of First Assignce	(10A)	1, Toyota-cho, Toyota-shi,	Aichi-ken 471-857	1, JAPAN			
(9B)	Insert Name of Second Assignee	(9B)	SEKISO CORPORATION					
(18B)	Insert Address of Second Assignee	(10B)						
	(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal rep the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, invention, and in all applications for patent including any and all provisional, non-provisional, of continuation, international, substitute and reissue application(s), and all Letters Patent, extension and reexamination certificates that may be granted on the invention known as					§100, in the onal,		
(11)	Insert Identification such as Title, Case Number, or Foreign	(H)	PIPE UNIT COUPLING STR	UCTURE				
	Application Number	(Attorne	y Docket No.), filed on even date herewith	or as		
(12)	Alternative	(12) U	S. Application Number					
	Identification for							
	filed applications	filed	all papers necessary in connec		***************************************			
laims or eexamin esulting he entire hat this s	provisions of the Internationa 4) Each undersigned agrees tation a grant of a valid United 5) Each undersigned authoris from said application(s) to the interest herein assigned, and assignment is binding on Assig 6) Each undersigned hereby	al Convention perform I States pat zes and req e said Assistant he or s gnor and A grants the i	uests the Commissioner of the gnees, as Assignees of the enti- the has not executed, and will ssignor's heirs, successors, ass firm of OLIFF PLC the power t	Property or similar be necessary to of U.S. Patent and T re interest, and compote execute, any apigns and legal reproperties or insert on this ass	ar agreements. btain, maintain or confirm by rademark Office to issue any venants that he or she has ful greement(s) in conflict herew resentatives. signment any further identific	y reissue or y and all patents Il right to convey vith, and agrees eation that may be		
			rules of the United States Pat dersigned on the date(s) opp			is document.		
Date.	October 17, 201		Inventor Signature (1)	Massyn	The second second	(SEAL)		
Date			Inventor Signature (2)	Masayuki FUJi	KAWA	(SEAL)		
Date			Inventor Signature (3)	Kazuya TONO		(SEAL)		
Date			Inventor Signature (4)			(SEAL)		
Date			Inventor Signature (5)			(SEAL)		
Date			Inventor Signature (6)	, , , , , , , , , , , , , , , , , , , ,	1.	(SEAL)		
Date			Inventor Signature (7)		· · · · · · · · · · · · · · · · · · ·	(SEAL)		
Date			Inventor Signature (8)			(SEAL)		
either, tl			gned before: (a) a Notary Publ o witnesses who also sign here Witness	ic if within the U.S		side the U.S.A: If		
Date	3. 100 (100 (100 (100 (100 (100 (100 (100		Witness			1 10 10 10 10 10 10 10 10 10 10 10 10 10		

PATENT REEL: 047459 FRAME: 0364

ASSIGNMENT (Two Assignees)

	Insert		Masayuki FUJIKAWA	(2) Kazuya TONO		
(1-8)	Legal Name(s)	(3)		(4) 		
	of inventor(s)	(5)		(6)		
		(7)		(8)		
		the under		(\$1.00) and other good and valuable cons cy of which are hereby acknowledged, ea nd set over to		
(9A)	Insert Name of First Assignee	(9A) TOYOTA JIDOSHA KABUSHIKI KAISHA				
(10A)	Insert Address of First Assignee	(10A) I, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, JAPAN				
(98)	Insert Name of Second Assignee	(9B)	SEKISO CORPORATION			
(108)	Insert Address of Second Assignee	(10B)	(10B) 1-3, Hinakitamachi, Okazaki-shi, Aichi-ken 444-0911, Japan			
(11)	Insert Identification	the entire invention continuat	right, title and interest for the U, and in all applications for pater ion, international, substitute and	and Assignees' heirs, successors, assigns nited States of America as defined in 35 at including any and all provisional, non- reissue application(s), and all Letters Pat granted on the invention known as	U.S.C. §100, in the provisional,	
,,	such as Title, Case Number, or Foreign	(/	TIPE GALL COOPEING STRE	CTURE		
	Application Number	(Attorn	ey Docket No.), filed on even date he	prewith or as	
(12)	Alternative	(12) (J.S. Application Number		************************************	
	Identification for filed applications	filed				
reexamin resulting the entire that this r	ation a grant of a valid United 5) Each undersigned authoris from said application(s) to the interest herein assigned, and assignment is binding on Assi	States par zes and rece said Assi that he or gnor and A	tent to the Assignees, quests the Commissioner of the gnees, as Assignees of the entire that make has not executed, and will resignor's heirs, successors, assignor's heirs, successors,	be necessary to obtain, maintain or cont U.S. Patent and Trademark Office to iss to interest, and covenants that he or she tot execute, any agreement(s) in conflict igns and legal representatives.	tue any and all patents has full right to convey therewith, and agrees	
				ent and Trademark Office for recordation		
Date	In witness whereof, executed	by the u	ndersigned on the date(s) opp Inventor Signature	osite the undersigned name(s).	(SEAL)	
Date	<u> </u>		(1)	Maşayuki FUJIKAWA		
Date	October 9, 2018	}	Inventor Signature (2)	Masayuki FUJIKAWA Tazuya Tono Kazuya Tono	(SEAL)	
Date			Inventor Signature (3)	Kèzuya TONO	(SEAL)	
Date		***********	Inventor Signature (4)		(SEAL)	
Date	2200		Inventor Signature (5)		(SEAL)	
Date	***************************************		Inventor Signature (6)		(SEAL)	
Date			Inventor Signature (7)		(SEAL)	
Date	· · · · · · · · · · · · · · · · · · ·		Inventor Signature (8)		(SEÄL)	
		at least tw	o witnesses who also sign here	s if within the U.S.A. (b) a U.S. Consul		
Date			Witness			

PATENT REEL: 047459 FRAME: 0365

RECORDED: 11/09/2018