### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6992388

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKAHIRO KAWANOUE	09/08/2021
DAIKI IMAI	09/09/2021
SAORI YOSHIDA	09/08/2021

#### **RECEIVING PARTY DATA**

Name:	SUMITOMO RUBBER INDUSTRIES, LTD.
Street Address:	6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	651-0072

### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	17511792		

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)205-8050

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:** 703-205-8000

Email: SPADILLA@BSKB.COM, MAILROOM@BSKB.COM

Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100 E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	0229-1835PUS1
NAME OF SUBMITTER:	SARA PADILLA
SIGNATURE:	/sara padilla/
DATE SIGNED:	10/27/2021

### **Total Attachments: 4**

source=2021-10-27\_Assignment\_as\_filed\_0229-1835PUS1#page1.tif source=2021-10-27\_Assignment\_as\_filed\_0229-1835PUS1#page2.tif source=2021-10-27\_Assignment\_as\_filed\_0229-1835PUS1#page3.tif source=2021-10-27\_Assignment\_as\_filed\_0229-1835PUS1#page4.tif

PATENT 506945551 REEL: 057935 FRAME: 0116

Attorney Docket No. 0229-1835PUS1 SP18874US

### BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 \* Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 \* Facsimile: (703) 205-8050 \* Email: mailroom@bskb.com

### DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or United States Plus all Foreign Patent Rights

Title of Inventor	a 🖘	TIRE				
4		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:				
Application not Attached	4	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:				
Enter Applin, No	. 🚓	United States Application Number or PCT International Appln. No.				
Enter Filing Day	* filed on					
		The above-identified 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 above-identified application, including the claims.				
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations § 1.56.				
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.				
Ireert Name of Assignee	r¢.	WHEREAS, Sumitomo Rubber Industries, Ltd.				
Insert Address of Assignee	⇔	of 6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072, Japan				
		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				
Check Box if Appropriate	డు	in any foreign countries.				
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acks the undersigned has sold, assigned and transferred, and by these presents does sell, assign a unto said Assignee the full and exclusive right to the said invention in the United States of / territories, dependencies and possessions and the entire right, title and interest in and to a Letters Patent(s) which may be granted therefor in the United States of America, its dependencies and possessions, and if the box above is designated, in any and all foreign count any and all divisions, reissues, continuations, conversions and extensions thereof for the f terms for which the same may be granted.					

PATENT REEL: 057935 FRAME: 0117 The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges 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 opposite the undersigned name.

#### LEGAL NAME OF INVENTOR

Inventor's Name	**	Inventor.	Takahiro KAWANOUE	Date	September 8,200	<u>.</u>
Inventor's Signature	<i>v</i> 3	Signature:	Totokin Kamanouc			
Au innestinati	. i s.		(NOTE 11) as an important including a mile of the motion income	dita cuit	o mint seemmans this from	Places s

separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the two\_supplemental sheet(s) attached hereto.

## SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page \_\_1\_\_\_ of \_2\_\_

		LEGAL NA	AME OF JO	INT INVENTOR, IF AN		<u>.</u>	30
Inventor's Name	43	Inventor:	Daiki IM/	<u>N</u>	Date:	September	9,200/
Inventor's Signatore	12)	Signature:	Parki	IAAL.			
		LEGAL NA	AME OF JC	MNT INVENTOR, IF AN	¥		
Inventor's Name	₩.	Inventor:	·	· · · · · · · · · · · · · · · · · · ·	Date		
inomine's Signature	吟	Signature:					
		LEGAL N	AME OF JC	NNT INVENTOR, IF AN	Y	*	
Incentir's feature	<b>1</b>	Inventor			Date:	e	
Inventor's Signature	➾	Signature:					
		LEGAL N	AME OF JC	DINT INVENTOR, IF AN	Y		
Inventor's Name	×3	Inventor.			Date:		
teccenius's Signature	43	Signature:					
		LEGAL N	AME OF JC	NNT INVENTOR, IF AN	Y		
Inventor's Name	**	Inventor:			Date		
Inventor's Signature	æ	Signature:					······································
		LEGAL N	AME OF JC	DINT INVENTOR, IF AN	<b>X</b> :		
Inventor's Name	×>	Inventor:			Date	£	
Ioventor's Signature	et.	Signature:	·······				
		LEGAL N	AME OF JO	DINT INVENTOR, IF AN	Y.		
Inventor's Name	ংক	Inventor:			Date	· · · · · · · · · · · · · · · · · · ·	
Inventor's Signature	**	Signature:	->				
		LEGAL N	AME OF K	DINT INVENTOR, IF AN	<b>Y</b>		
Inventor's Name	**	Inventor:	8 <u></u>		Date	,	
Inventor's Signature	că.	Signature:	·				· · · · · · · · · · · · · · · · · · ·

Page 3 of 4

BSNBOBCA58BCN(09-21)

Attorney Docket No.

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

### ADDITIONAL INVENTOR(5) Supplemental Sheet Page 2 of 2

		LEGAL NAME OF JOINT INVENTOR, IF ANY	
inventor's Name	re)	Inventor: Saori YOSHIDA	Date: September 8, 2021
Toventor's Signature	ø	Signature: <u>Lacri Yoshida</u>	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	×>	Inventor	Date:
Inventor's Signature	123	Signature:	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	**	Inventor:	Date:
Inventor's Signature	că	Signature:	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	➾	Inventor	Date
Inventor's Signature	c(r	Signature:	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Investor's Name	43)	Inventor:	Date:
Inventor's Signature	**	Signature:	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	9	Inventor:	Date:
Inventor's Signature	*	Signature:	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	en e
Inventor's Name	ಘ	Inventor:	Date:
Inventor's Signature	eş.	Signature	
		LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	➾	Inventor:	Date:
Inventor's Signature	ॐ	Signature:	

Page 4 of 4

868808CAS8K78(89-20)

PATENT REEL: 057935 FRAME: 0120