PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7060258

Assignment to correct the ASSIGNEE ADDRESS previously Reel 058156 Frame 0400. Assignor(s) hereby confirms the NT.

CONVEYING PARTY DATA

Name	Execution Date
Tatsuya TOMIDA	09/15/2021

RECEIVING PARTY DATA

Name:	BRIDGESTONE CORPORATION
Street Address:	1-1, KYOBASHI 3-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1048340

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17612523		

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.

703-836-6400 Phone: Email: email@oliff.com AARON L. WEBB **Correspondent Name:**

OLIFF PLC Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 197702 NAME OF SUBMITTER: **ALLISON CLARK SIGNATURE:** /Allison Clark/ **DATE SIGNED:** 12/07/2021

Total Attachments: 3

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PATENT REEL: 058350 FRAME: 0386 507013424

506985903 11/18/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7032742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tatsuya TOMIDA	09/15/2021

RECEIVING PARTY DATA

Name: Bridgestone Corporation		
Street Address: 1-1, Kyobashi 3-chome, Chiyoda-ku		
City:	Tokyo	
State/Country:	Japan	
Postal Code:	1048340	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17612523		

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: email@oliff.com
Correspondent Name: AARON L. WEBB

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	197702	
NAME OF SUBMITTER:	CYNTHIA KLINE	
SIGNATURE:	/Cynthia Kline/	
DATE SIGNED:	11/18/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> PATENT REEL: 058350 FRAME: 0387

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Tatsuya TOMIDA	(2))
(1-8)	Legal Name(s)	(3)		(4))
	of Inventor(s)	(5)		(6))
		(7)		(8)	
		the un		ciency of which are	her good and valuable consideration paid to each of e hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	BRIDGESTONE CORPORA	ATION	
(10)	Insert Address of Assignee	(10)	1-1, Kyobashi 3-chome, Cho	no-ku, Tokyo, 104	48340 Japan
		the entineent	tire right, title and interest for the ion, and in all applications for p	ne United States of patent including an and reissue applic	heirs, successors, assigns and legal representatives, f America as defined in 35 U.S.C. §100, in the sy and all provisional, non-provisional, divisional, ation(s), and all Letters Patent, extensions, reissues ne invention known as
(11)	Insert Identification such as Title, Case	(11)	PNE	UMATIC TIRE	
	Number, or Foreign Application Number	(Attor	ney Docket No. 197702)), filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number	.7/612,523	
	Identification for	~1 1			
	filed applications	filed	November 18-20	171	

- 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 Assignee 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 patent for the invention and to cooperate with the Assignee 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 Assignee.
- 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 Assignee, as Assignee 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	September 15, 2021	Inventor Signature	/Tatsuya TOMIDA/	(SEAL)
			Tatsuya TOMIDA	
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably, then it should be signed before at le		lic if within the U.S.A. (b) a U.S. Conre:	sul if outside the U.S.A. If
Date		Witness		
Doto		Witness		

RECORDED: 12/07/2021