

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHILAO JIANG	08/20/2020
SHINICHI SHIRAISHI	08/17/2020
BAEKGYU KIM	08/14/2020
RECEIVING PARTY DATA	
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16007796
CORRESPONDENCE DATA	
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Address Line 4:	PAWLEYS ISLAND, SOUTH CAROLINA 29585
ATTORNEY DOCKET NUMBER:	T1834.10243US01
NAME OF SUBMITTER:	KATHERINE D. GARDNER
SIGNATURE:	/Katherine D. Gardner/
DATE SIGNED:	08/27/2020
Total Attachments: 3	
source=IPA3466_183410243US01_Declaration_Assignment_Shiraishi_signed#page1.tif	
source=IPA3466_183410243US01_Declaration_Assignment_Kim_signed#page1.tif	
source=IPA3466_183410243US01_Declaration_Assignment_Jiang_signed#page1.tif	

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

ASSIGNMENT

**Inventor
Name**

Shinichi Shiraishi

In consideration of my ongoing employment and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

Name of Assignee

TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Assignee

1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

**Identification such as
Title, Case Number, or
Foreign Application
Number**

COLLISION AVOIDANCE FOR A CONNECTED VEHICLE BASED ON A DIGITAL
BEHAVIORAL TWIN

(Attorney Docket No. T1834.10243US01), filed on even date herewith or as

**Alternative
Identification for
filed applications**

U.S. Application Number 16/007,796

filed June 13, 2018

- 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 **BURBAGE LAW PC** 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.

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

8/17/2020

Inventor Signature



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**Inventor
Name**

BaekGyu Kim

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 8/14/2020

Inventor Signature /BaekGyu Kim/

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ASSIGNMENT

**Inventor
Name**

Zhihao Jiang

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2020/08/20

Inventor Signature /Zhihao Jiang/