#### 506810151 08/10/2021

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6856970

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF ASSIGNEE KAWASAKI JYKOGYO KABUSHIKI KAISHA previously recorded on Reel 050693 Frame 0721. Assignor(s) hereby confirms the NAME OF ASSIGNEE TO BE KAWASAKI JUKOGYO KABUSHIKI KAISHA.

### **CONVEYING PARTY DATA**

Name	Execution Date
HISANOSUKE KAWADA	10/04/2019
MASAYUKI ENOMOTO	10/04/2019
DAISUKE KAWAI	10/07/2019
KAZUHIRO ICHIKAWA	10/04/2019
MASANORI KINUHATA	10/07/2019
HIROSHI ISHII	10/07/2019

### **RECEIVING PARTY DATA**

Name:	KAWASAKI JUKOGYO KABUSHIKI KAISHA
Street Address:	1-1, HIGASHIKAWASAKI-CHO 3-CHOME, CHUO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	650-8670

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

Property Type	Number
Application Number:	16604967

#### **CORRESPONDENCE DATA**

(503)595-7301 Fax Number:

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: 5035957300

Email: grigonis@allemanhall.com

**Correspondent Name:** ALLEMAN HALL CREASMAN & TUTTLE LLP

900 SW 5TH AVENUE SUITE 2300 Address Line 1:

Address Line 2: **SUITE 2300** 

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	ACO19329PCTUS
NAME OF SUBMITTER:	SAORI GRIGONIS
SIGNATURE:	/Saori Grigonis/

REEL: 057144 FRAME: 0867 506810151

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Total Attachments: 9
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#### 10/11/2019 505720393

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5767204

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HISANOSUKE KAWADA	10/04/2019
MASAYUKI ENOMOTO	10/04/2019
DAISUKE KAWAI	10/07/2019
KAZUHIRO ICHIKAWA	10/04/2019
MASANORI KINUHATA	10/07/2019
HIROSHI ISHII	10/07/2019

### **RECEIVING PARTY DATA**

Name:	KAWASAKI JYKOGYO KABUSHIKI KAISHA
Street Address:	1-1, HIGASHIKAWASAKI-CHO 3-CHOME
Internal Address:	CHUO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	650-8670

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

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Application Number:	16604967

### **CORRESPONDENCE DATA**

Fax Number: (503)595-7301

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: 503-595-7300

Email: trinh@allemanhall.com

ALLEMAN HALL CREASMAN & TUTTLE LLP **Correspondent Name:** 

Address Line 1: 900 SW 5TH AVENUE

Address Line 2: **SUITE 2300** 

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	ACO19329PCTUS
NAME OF SUBMITTER:	ODAN TRINH
SIGNATURE:	/Odan Trinh/
DATE SIGNED:	10/11/2019

PAIENI

REEL: 057144 FRAME: 0869

litle of	A FHICE COMARKS HOW INDOMINATION OF LATE AND CONARDS HOW INCOMMENTION
Invention:	OUTPUT METHOD
As the below named	finventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	☑ United States application or PCT international application number PCT/JP2017/015011 filed on April 12, 2017.
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	neys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, and attorney docket number of the above identified application when known.
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by at of not more than five (5) years, or both.
1-1, Higashikawasak NOW, THEREFOR, have sold, assigned, exclusive right to th countries, and the e United States and it reissues, continuation I hereby authorized any and all of said but to the same, for the Further, I agree the invention, and testiff renewal and reissues issued to ASSIGNEE,	SAKI JUKOGYO KABUSHIKI KAISHA, ("ASSIGNEE"), a Japanese corporation, having a place of business at circho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN is desirous of acquiring an interest therein; for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and e above-identified invention in the United States and its territorial possessions and in all foreign intire right, title and interest in and to any and all Letters Patent which may be granted therefor in the sterritorial possessions and in any and all foreign countries, and in and to any and all divisions, one and extensions thereof. It is an extensions thereof. It is an extension thereof. It is a the ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. In at I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said by in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and and enforce proper protection for said invention in the United States and in any and all foreign
LEGAL NAME OF IN	A f
Inventor: KAWAI	DA, Hisanosuke Date: October 4, 2019
Signature: <u>USA</u>	nozike Kawaola
	ATTY DOCKET NO.: ACO19329PCTUS

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

Title of Invention:	VEHICLE CONVERSATION INFORMATION OUTPUT DEVICE AND CONVERSATION INFORMATION OUTPUT METHOD
	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number PCT/JP2017/015011 filed on April 12, 2017.
The above-identifie	d application was made or authorized to be made by me.
I believe that I am th	he original inventor or an original joint inventor of a claimed invention in the application.
	rneys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, , and attorney docket number of the above identified application when known.
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by at of not more than five (5) years, or both.
1-1, Higashikawasak NOW, THEREFOR, have sold, assigned, exclusive right to the countries, and the e United States and it reissues, continuation I hereby authorized any and all of said Le to the same, for the Further, I agree the invention, and testiff renewal and reissued issued to ASSIGNEE, assigns, to obtain and countries.	SAKI JUKOGYO KABUSHIKI KAISHA, ("ASSIGNEE"), a Japanese corporation, having a place of business at ti-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN is desirous of acquiring an interest therein; for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and e above-identified invention in the United States and its territorial possessions and in all foreign entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the sterritorial possessions and in any and all foreign countries, and in and to any and all divisions, one and extensions thereof.  It is a successor and a signal and a signal and a sole use of the ASSIGNEE, its successors and assigns.  In any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and and enforce proper protection for said invention in the United States and in any and all foreign
LEGAL NAME OF INV	On+1 4 2019
Inventor: ENOM	
Signature: /VIASA	yulci Enomoto
	ATTY DOCKET NO.: ACO19329PCTUS

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

litle of	VEHICLE CONVERSATION INFORMATION OBTPOT DEVICE AND CONVERSATION INFORMATION		
Invention:	OUTPUT METHOD		
As the below named inventor, I hereby declare that:			
This declaration is	The attached application, or		
directed to:	gavang .		
	United States application or PCT international application number PCT/JP2017/015011 filed on		
	<u>April 12, 2017.</u>		
The above-identified	d application was made or authorized to be made by me.		
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.		
I authorize the attor	neys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date,		
application number,	and attorney docket number of the above identified application when known.		
I hereby acknowledg	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by		
fine or imprisonmen	ot of not more than five (5) years, or both.		
WHEREAS, KAWAS	SAKI JUKOGYO KABUSHIKI KAISHA, ("ASSIGNEE"), a Japanese corporation, having a place of business at		
1-1, Higashikawasak	ti-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN is desirous of acquiring an interest therein;		
	for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I		
	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and		
	e above-identified invention in the United States and its territorial possessions and in all foreign		
	ntire right, title and interest in and to any and all Letters Patent which may be granted therefor in the		
	s territorial possessions and in any and all foreign countries, and in and to any and all divisions,		
	ons and extensions thereof.		
<u>-</u>	e and request the Patent Office officials in the United States and any and all foreign countries to issue		
	etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and		
	sole use of the ASSIGNEE, its successors and assigns.		
	nat I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said		
	y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution,		
	applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be		
	make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and		
	d enforce proper protection for said invention in the United States and in any and all foreign		
countries.			
LEGAL NAME OF INV			
	Daisuke Date: October 7. 2019		
Inventor: KAWAI	, Daisuke Date:		
D.,	iske kan.		
Signature:	sile fam.		
	ATTY DOCKET NO.: ACO19329PCTUS		

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

litle of	VEHICLE CONVERSATION INFORMATION OUTPOT DEVICE AND CONVERSATION INFORMATION		
Invention:	OUTPUT METHOD		
As the below named inventor, I hereby declare that:			
This declaration is directed to:	☐ The attached application, or  ☐ United States application or PCT international application number PCT/JP2017/015011 filed on		
	April 12, 2017.		
	April 12, 2017.		
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 authorize the attorneys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, application number, and attorney docket number of the above identified application when known.			
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, KAWASAKI JUKOGYO KABUSHIKI KAISHA, ("ASSIGNEE"), a Japanese corporation, having a place of business at 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 JAPAN is desirous of acquiring an interest therein; NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof.  I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.  Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.			
LEGAL NAME OF INVENTOR			
Inventor: ICHIKA			
Signature: Kazuhi	no Ichilcana		
	ATTY DOCKET NO.: ACO19329PCTUS		

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

Title of Invention:	VEHICLE CONVERSATION INFORMATION OUTPUT DEVICE AND CONVERSATION INFORMATION OUTPUT METHOD		
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This declaration is directed to:	The attached application, or		
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LEGAL NAME OF IN			
Inventor: KINUH	ę.		
Signature: Masa	enori Kinuhata		
	ATTY DOCKET NO - ACO19329PCTUS		

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

Title of	VEHICLE CONVERSATION INFORMATION OUTPUT DEVICE AND CONVERSATION INFORMATION OUTPUT METHOD			
Invention:				
As the below hame	d inventor, I hereby declare that:			
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LEGAL NAME OF IN	· · · · · · · · · · · · · · · · · · ·			
Inventor: <u>ISHII, H</u>	iroshi Date: October 7, 2019			
Signature: Hrylu Zdos				
	ATTY DOCKET NO.: ACO19329PCTUS			
	harman and the second s			

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

PATENT REEL: 057144 FRAME: 0875

**RECORDED: 08/10/2021**