PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5414699

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEI NAKANO	03/11/2019
HIROKI YAMAMOTO	03/08/2019
KAZUKI KURE	03/08/2019
SOUICHI TSUMURA	03/08/2019

RECEIVING PARTY DATA

Name:	KOMATSU LTD.	
Street Address:	2-3-6, AKASAKA, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	107-8414	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16332148

CORRESPONDENCE DATA

Fax Number: (202)293-0445

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.

2022930444 Phone:

Email: mailpto@giplaw.com

GLOBAL IP COUNSELORS, LLP DAVID TARNOFF **Correspondent Name:**

Address Line 1: 1233 20TH STREET, NW

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20036-2680

ATTORNEY DOCKET NUMBER:	ER: KL-US171045	
NAME OF SUBMITTER:	PATRICK A. HILSMIER	
SIGNATURE:	/Patrick A. Hilsmier/	
DATE SIGNED: 03/11/2019		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

PATENT REEL: 048560 FRAME: 0573

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> PATENT REEL: 048560 FRAME: 0574

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	WORK VEHICLE AND WORK VEHICLE CONTROL METHOD		
As the below named inventor, I hereby declare that: This declaration			
	The above-identified application was made or authorized to be made by me.		
application.			
U.S.C. 100	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.		
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.			
ASSIGNMENT			
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KOMATSU LTD., having a principle place of business at 2-3-6, Akasaka, Minato-ku, Tokyo 107-8414 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application, in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the 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, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said 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. The undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.			
LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Kei NAKANO Date: 3/1/2019 (mm/dd/yyyy) Signature: Kei hakano			

 \boxtimes Additional inventors are being named on the $\underline{1}$ supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Hiroki YAMAMOTO Date: 3/8 / 2019 Signature: Hiroki YAMAMOTO Date: 3/8 / 2019 (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Kazuki KURE Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Souichi TSUMURA Date: 3 / 8 / 2019 Signature: So Ui Chi Tsumury LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) Signature: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy)	SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT				
LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Kazuki KURE Date:	Inventor:	Hiroki YAMAMOTO	•	3/8 / 2019 (mm/dd/yyyy)	
Inventor: Kazuki KURE Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Souichi TSUMURA Signature: Souichi TSUMURA Date: 3 / 8 / 20/9 (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) LEGAL NAME OF INVENTOR (Given name FAMILY NAME)			T Y NAMF)		
LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Souichi TSUMURA Date : 3 / 8 / 20/9 Signature: Souichi TSUMURA Date : 3 / 8 / 20/9 Signature: Souichi TSUMURA Date : (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date : (mm/dd/yyyy) Signature: Date : (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date : (mm/dd/yyyy) Signature: Date : (mm/dd/yyyy) Signature: Signature: Date : (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME)					
Inventor: Souichi TSUMURA Signature: Souichi TSUMURA Date: 3 / 8 / 2019 (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) Signature: Date: (mm/dd/yyyy) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) Inventor: Date: (mm/dd/yyyy) Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME) LEGAL NAME OF INVENTOR (Given name FAMILY NAME) LEGAL NAME OF INVENTOR (Given name FAMILY NAME)					
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Inventor:	-				
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Inventor:				(mm/au/yyyy)	_
Signature:	LEGAL NAM	ME OF INVENTOR (Given name FAM	ILY NAME)		
Inventor: Date :				•	
Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME)	LEGAL NAM	ME OF INVENTOR (Given name FAM	ILY NAME)		
Signature: LEGAL NAME OF INVENTOR (Given name FAMILY NAME)	Inventor:		Date :	(
	Signature:			(mm/dd/yyyy)	
l .	LEGAL NAM	ME OF INVENTOR (Given name FAM	IILY NAME)		
Inventor: Date:	Inventor:		Date :		
Signature:	Signature:			• • • • • • • • • • • • • • • • • • • •	
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)	LEGAL NA	ME OF INVENTOR (Given name FAM	IILY NAME)		
Inventor: Date: (mm/dd/yyyy)	Inventor:		Date :	(mm/dd/yyyy)	
Signature:	Signature:				

PATENT REEL: 048560 FRAME: 0576

Attorney Docket Number KL-US171045(G20170215)

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	WORK VEHICLE AND WORK VEHICLE CONTROL METHOD			
As the below	v named inventor, I hereby declare that:			
This declara				
is directed to	United States application or PCT international application number PCT/JP2017/027766 filed on July 31, 2017			
The above-i	dentified application was made or authorized to be made by me.			
I believe the application.	t I am the original inventor or an original joint inventor of a claimed invention in the			
I hereby ack U.S.C. 1001	mowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.			
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.				
į	ASSIGNMENT			
ASSIGNMENT For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KOMATSU LTD., having a principle place of business at 2-3-6, Akasaka, Minato-ku, Tokyo 107-8414 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the 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, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said 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. The undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.				
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)				
Invento	r: Kei NAKANO Date : (mm/dd/yyyy)			
Signatu	re:			

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

PATENT REEL: 048560 FRAME: 0577

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT		
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
Inventor: Hiroki YAMAMOTO	Date:(mm/dd/yyyy)	
Signature:		
LEGAL NAME OF INVENTOR (Given name FAM	IILY NAME)	
Inventor: Kazuki KURE	Date: 03/08/20/9	
Signature: Kazuli Kone	(mm/dd/yyyy)	
LEGAL NAME OF INVENTOR (Given name FAM		
Inventor: Souichi TSUMURA	Date: (mm/dd/yyyy)	
Signature:		
LEGAL NAME OF INVENTOR (Given name FAM	IILY NAME)	
Inventor:	Date:(mm/dd/yyyy)	
Signature:		
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
Inventor:		
Signature:	(mm/dd/yyyy)	
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
Inventor:	Date :	
Signature:	(mm/dd/yyyy)	
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
Inventor:		
Signature:	(mm/dd/yyyy)	
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
Inventor:	Date :	
Signature:	(mm/dd/yyyy)	

PATENT REEL: 048560 FRAME: 0578

RECORDED: 03/11/2019