## 503108337 12/18/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3154944

		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PART	Υ ΟΑΤΑ				
		Name	Execution Date		
TAKERU KUMAKUF	RA		12/15/2014		
AKIRA ONOSE			12/15/2014		
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RECEIVING PARTY	′ DATA				
Name:	HITAC	HITACHI KOKI CO., LTD.			
Street Address:	15-1, K	ONAN 2-CHOME			
City:	MINAT	ΜΙΝΑΤΟ-ΚՍ, ΤΟΚΥΟ			
State/Country:	JAPAN	JAPAN			
Postal Code:	108-60	20			
PROPERTY NUMB		Number			
	/pe	<b>Number</b> 14575842			
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## ASSIGNMENT OF PATENT APPLICATION

WHEREAS,	Takeru KUMAKURA	of	Hitachinaka, Ibaraki, Japan; and
	Akira ONOSE	of	Hitachinaka, Ibaraki, Japan,

hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the belowidentified application for United States Letters Patent:

Title of Invention:		ONFIGURED TO RESTRAIN N OF CONTROL PORTION
Date(s) of Execution:	DEC 1 5 2014	
Filing Date:	December 18, 2014	
Application No.:	14/575,842	; and

WHEREAS, HITACHI KOKI CO., LTD. of No. 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 Japan, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assigners further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834, to insert herein above the application number and filing date of said application when known.

Page 1 of 2

## PATENT REEL: 034551 FRAME: 0778

Assignment KTS Docket No. 92466-008800US-928133 K&K Docket No, H04-7290/KK/TF

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

DEC 1 5 2014 Dated:

Takeru Kumakura Takeni KUMAKURA **Okira Onose** Akira ONOSE

DEC 1 5 2014 Dated:

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Page 2 of 2

## PATENT REEL: 034551 FRAME: 0779

**RECORDED: 12/18/2014**