#### 505535310 06/20/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5582107 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
AKIRA OHTA	05/13/2019
RIKIYA KASHIMURA	04/09/2019
YOSHIYUKI MUTO	04/09/2019

# **RECEIVING PARTY DATA**

Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.		
Street Address:	2520, TAKABA		
City:	HITACHINAKA-SHI, IBARAKI		
State/Country:	JAPAN		
Postal Code:	312-8503		

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16471754

# CORRESPONDENCE DATA

Fax Number: (202)672-5399

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: 2026725300

ipdocketing@foley.com, nugreen@foley.com Email:

**FOLEY & LARDNER LLP Correspondent Name:** Address Line 1: 3000 K STREET N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER: 095659-0144 **NAME OF SUBMITTER: NAOMI GREEN** SIGNATURE: /Naomi Green/ **DATE SIGNED:** 06/20/2019

**Total Attachments: 2** 

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT** REEL: 049536 FRAME: 0244 505535310

# ASSIGNMENT (酶液症)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration peid to me citizen of Japan by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI AUTOMOTIVE SYSTEMS, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### **IMAGING DEVICE**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made:

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference preceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

Signed on the date(s) indicated aside our signatures;

INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)	
1)	ahira Ohta Akira OHTA	5/13/20/9	
2>	Rikiya KASHIMURA		
3)	Yoshiyuki MUTO		
4)			
5)		<u> </u>	
6)	8		
7)			
8)			
9)			
10)	4		

PATENT REEL: 049536 FRAME: 0245

# ASSIGNMENT (該渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI AUTOMOTIVE SYSTEMS, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### **IMAGING DEVICE**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted.

to be held and enjoyed by said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference precedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)	
(発明者フルネームサイ	(س:

Date Signed (署名日)

1)	<u></u>	Akira OHTA	× %	
2) Rikiy	u Kashimur	Rikiya KASHIMURA	4/9/2019	
3) Joshiy	also Muto	Yoshiyuki MUTO	4/9/2019	
4)		· · · · · · · · · · · · · · · · · · ·		
5)				
6)				
7)				
8)				
9)				
10)				

PATENT

REEL: 049536 FRAME: 0246

**RECORDED: 06/20/2019**