#### 09/11/2017 504540711

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NORIO GOUKO	08/23/2017
TOSHIHISA TANIGUCHI	08/24/2017
ATUSI SAKAIDA	08/24/2017
KEIJI OKAMOTO	08/24/2017
YOSHIHIKO SHIRAISHI	08/24/2017
MASAHIRO ASANO	08/24/2017

### **RECEIVING PARTY DATA**

Name:	DENSO CORPORATION	
Street Address:	1-1, SHOWA-CHO	
City:	KARIYA-CITY, AICHI-PREF.	
State/Country:	JAPAN	
Postal Code:	448-8661	

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

Property Type	Number	
Application Number:	15667768	

## **CORRESPONDENCE DATA**

Fax Number: (248)641-0270

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: 248-641-1600

troymailroom@hdp.com Email:

HARNESS, DICKEY & PIERCE, P.L.C. **Correspondent Name:** 

Address Line 1: P.O. BOX 828

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER:	4041P-000646-US
NAME OF SUBMITTER:	JULIA ZAMLER
SIGNATURE:	/JULIA L. ZAMLER/
DATE SIGNED:	09/11/2017

**Total Attachments: 2** 

**PATENT** REEL: 043543 FRAME: 0042

EPAS ID: PAT4587418

504540711

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

> PATENT REEL: 043543 FRAME: 0043

Atty. Docket No.: 4041P-000646-US

Harness, Dickey & Pierce, P.L.C.

Client Ref: PN186636-US

譲渡証

	ASSIGNMI	ENT	000000000000000000000000000000000000000	00000000000000000000000000000000000000
記の発明に関する金権利 For good and valuable	f底及び理解の下、譲受人としての次の会社及びその相続 引並びに所有権を譲渡することに合意し、譲渡、売却、移譲 consideration, the receipt and sufficiency of which is b ssign(s), sell(s) and transfer(s) to	します。		
譲受者名: Assignee(s):	DENSO CORPORATION			
	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan			
	rresponding successors, assigns or other legal repressies, dependencies and possessions, to certain invention		e right, title and interes	t, in the United States of
発明の名称: Title of Invention:	RUNOUT DETECTION DEVICE			
上記発明についての米国 described in an applicati	目登録特許証の出願は、 lon for Letters Patent of the United States executed			
, ,	Eと同日、もしくは date herewith			
米国出願 as U.S. A	番号 <u>と</u> して <u>に提出されたものです。</u> Application Serial No. <u>15/667,768</u> fi	led on <u>Augus</u>	t 3,2017	
耐擦局長宮が上配譲受人 本件署名者は、要求に のために必要となるすべて 本件署名者は、本件出 ことについて、それを許可 本件署名者は、Harne as well as any and all co undersigned hereby auti Letters Patents to said A The undersigned agre securing, maintaining an The undersigned auti all international conventi	ee(s), when requested, to sign all papers, take all righting and enforcing patents for said inventions and for vesting norize(s) and empower(s) said Assignee(s) to invoke an ions and treaties in respect of said inventions, as may be uthorize(s) Harness, Dickey & Pierce, P.L.C. to ins	、本件発明の確保・ に関するすべての国 はに必要・適切となる and all Letters Pat er of Patents and ' il oaths, and perfo title thereto in said do claim the benefit pe necessary in co	維持・権利行使のために、 際条約及び協定に基づく 追記をすることを許可しま tents that may be grante Trademarks to Issue sai rm all acts which may b Assignee(s). t of the right of priority p nnection with said appli	、また、譲受人の権利確保 (優先権を行使・要求する ます。 ed therefor. The id Letters Patent or e necessary for provided under any and location.
署名: Signature: 第 1 発明者: First Inventor:	Norio Louko Norio Gouko	署/ Da	EB: August	± 23, 2017
署名: Signature: 第 2 発明者: Second Inventor:	Joshihisa Taniguchi Toshihisa Taniguchi	器》 Da	8A: Augli	est 24.2019
署名: Signature: 第3是明者: Third Inventor:	<u> Atusi Sahaida</u> Atusi Sakaida	署: Da	8 H: <u>Aug</u> s	ust 24.2017
Additional inventor	こに付随する添付書面上にリストされます。 r(s) listed on the attached sheet which is incorporated t			***************************************
	:、本書面の理解の助けとして付記しております。正式な解析 ese text is for the purpose of helping the understanding ct			Issignment should be

Atty. Docket No.: 4041P-000646-US

Harness, Dickey & Pierce, P.L.C.

Client Ref: PN186636-US

譲渡証(続き) ASSIGNMENT (Cont.)

Keiji Okamoto

Keiji Okamoto 署名 署名日: Signature: Date: 第4発明者: Fourth Inventor: Yoshikho Shirafshi 署名: 署名日: Signature: 第5発明者: Fifth Inventor: 署名: 署名目: Signature: Date: 第6発明者: Sixth Inventor: