PATENT ASSIGNMENT

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NATURE OF CONVEYANCE: ASSIGNMENT				
CONVEYING PARTY	' DATA	, <u>, , , , , , , , , , , , , , , , , , </u>		
		Name	Execution Date	
Toshiaki NAKAYAMA	4		10/16/2012	
Koji SUZUKI			10/22/2012	
Keijirou HANADA			10/23/2012	
RECEIVING PARTY	DATA			
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Street Address:	1-1, Showa-c	ho		
City:	Kariya-city, Aichi-pref.			
State/Country:	JAPAN			
Postal Code:	448-8661			
Name:	HAMANAKODENSO CO., LTD.			
Street Address:	136, Washizu			
City:	Kosai-city, Shizuoka-pref.			
State/Country:	JAPAN			
Postal Code:	431-0431			
PROPERTY NUMBE	RS Total: 1			
Property T	уре	N	lumber	
Application Number:		13662913		
PROPERTY NUMBERS Total: 1 Property Type Application Number: 13662 CORRESPONDENCE DATA			lumber	
x Number:	7038164	100		
		Mail when the fax attempt is unsuce	cessful.	
Phone:				
Email: sjg@nixonvan.com				
Correspondent Name: NIXON & VANDERHYE PC				
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			PATENT	

502111976

PATENT REEL: 029214 FRAME: 0567

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ATTORNEY DOCKET NUMBER:	2018-3026	
NAME OF SUBMITTER:	Michelle N. Lester	
Total Attachments: 3 source=2018_3026_Assignment#page1.tif source=2018_3026_Assignment#page2.tif source=2018_3026_Assignment#page3.tif		

(Inventors)	Toshiaki Nakayama	· · · · · · · · · · · · · · · · · · ·	
	Kouji Suzuki		
	Keijirou Hanada		
	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over io		
Assignee)	DENSO CORPORATION	a corporation of Japan	
Áddress)	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan		
Assignee)	HAMANAKODENSO CO., LTD.	a corporation of Japan	
Address)	136, Washizu, Kosai-city, Shizuoka-pref. 431-0431 Japan		
	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for		
	the United States, its territories, dependencies and possessions in the invention, and all		
	applications for patent and any Letters Paten		
Title)	VEHICLE PRESENCE NOTIFICATION APP		
	for which the undersigned has (have) executed on even date herewith an application for		
	patent in the United States of America or, if not on even date, then has executed on		
	or has already filed U.S. application Serial No on		
		X I Z XI Z X I Z X I Z X I Z X Z X Z X Z X Z X Z Z Z Z Z Z Z Z Z Z	
	The undersigned acknowledges an obligation	n of assignment of this invention to said	

ASSIGNMENT OF U.S. PATENT APPLICATION

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date October 16 2012 Sig	nature of inventor
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<u> Iochiaki Nakayama</u> Toshlaki Nakayama

Date _____

Signature of inventor

Koují Suzukí

Date

Signature of inventor

Keijirou Hanada

264637

PATENT REEL: 029214 FRAME: 0569

Case No. : 145954-US-RF-as

(Inventors)	Toshiaki Nakayama		
•	Koji Suzuki Keijirou Hanada In consideration of the sum of one dollar (\$1.00) and other good and valuable		
	considerations paid to each of the undersigned, the undersigned agree(s) to assign, and		
	hereby does assign, transfer and set over to		
(Assignee)	DENSO CORPORATION	a corporation of Japan	
(Address)	1-1, Showa-cho, Kariya-city, Alchi-pref., 448-8661 Japan		
(Assignee)	HAMANAKODENSO CO., LTD.	a corporation of Japan	
(Address)	s) 136, Washizu, Kosai-city, Shizuoka-pref. 431-0431Japan (herainafter designated as the Assignee) the undersigned's entire right, title and interest for		
	the United States, its territories, dependence	ies and possessions in the invention, and all	
	 applications for patent and any Letters Pate 	int which may be granted therefore, known as	
(Title)	Io) VEHICLE PRESENCE NOTIFICATION APPARATUS		
	for which the undersigned has (have) executed on even date herewith an application for		
	palent in the United States of America or, if not on even date, then has executed on		
	or has already fler	U.S. application Serial No, on	
	······		
	The undersigned acknowledges an obligati	on of assignment of this invention to said	

ASSIGNMENT OF U.S. PATENT APPLICATION

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	K. S. Octofor. 12, 10/2.	Signature of inventor
Date	Def Octofer , 22, 2017.	Signature of inventor

Toshiaki Nakayama

<u>Koji Suzuhi</u> ^{Koji Suzuki}

Date October .23.2012

Signature of inventor

Keijirow Hanada Kellirou Hanada

264837

PATENT REEL: 029214 FRAME: 0570

Case No. : ______ 145954-US-RF-as

Date	October 22. 2012	Wilnessed by Jasushi Katsumata
Date	October, 23. 2012	Witnessed by: <u>Jasushi Katsumata</u>

264637

PATENT REEL: 029214 FRAME: 0571

RECORDED: 10/31/2012

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