504192924 01/24/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIN C. FUNG	01/04/2017
TIMOTHY J. DICK	01/04/2017
CHARLES WILLIAM HALL JR.	01/13/2017

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.
Street Address:	NO. 1-1, MINAMI-AOYAMA 2-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	107-8556

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15389907

CORRESPONDENCE DATA

Fax Number: (216)566-9711

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: 216-566-9700

Email:overberger@rankinhill.comCorrespondent Name:RANKIN HILL & CLARK LLPAddress Line 1:23755 LORAIN ROAD

Address Line 2: SUITE 200

Address Line 4: NORTH OLMSTED, OHIO 44070

ATTORNEY DOCKET NUMBER:	HRA-37828.04
NAME OF SUBMITTER:	MARIA T. IANIRO
SIGNATURE:	/Maria T. laniro/
DATE SIGNED:	01/24/2017

Total Attachments: 6 source=AssignFld#page1.tif source=AssignFld#page2.tif

PATENT 504192924 REEL: 041061 FRAME: 0574



PATENT REEL: 041061 FRAME: 0575

Attorney Docket No.: HRA-37828.04

<u>ASSIGNMENT</u>

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, Kin C. Fung of Dublin, OH, Timothy J. Dick of Dublin, OH, and Charles William Hall, Jr. of Hilliard, OH, ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

	executed concurrently herewith
	executed on
\boxtimes	filed December 23, 2016, and assigned Application Serial No. 15/389907

and is entitled

SYSTEM AND METHOD FOR DETERMINING THE INFORMATION TRANSFER RATE BETWEEN A DRIVER AND VEHICLE

hereby sell, assign and transfer to Honda Motor Co., Ltd., ("Assignee"), having a place of business at No. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and

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deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of RAYMOND on this 4th day of JANUARY	State of <u>り</u> 日 <u>工</u> 。 , 20 <u>17</u> .
	以及下。 Kin C. Fung
State of Ortio)
County of UNITON)SS:)

On this $\frac{474}{}$ day of $\frac{\sqrt{ANANY}}{}$ 20 $\frac{\sqrt{7}}{}$ before me personally came **Kin C. Fung**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

WESLY A. ALIG
ATTORNEY AT LAW
NOTARY PUBLIC
STATE OF OHIO
My Comm. Has No
Expiration Date
Section 147.03 R. C.

Notary Public

Signed at the City of KAMONI)	State of <u>Ortro</u> , 20 <u>17</u> .
day of	Jinothy & Dick
	Timothy & Dick
	Timothy J. Ďick
State of Outo))ss:
County of United)
On this 4th day of JANUAR personally came Timothy J. Dick , to who executed the foregoing instrument,	≥1 20_1 before me me known to be the individual described in and and acknowledged execution of the same.
WESLY A. ALIG ATTORNEY AT LAW	Notary Public
NOTARY PUBLIC STATE OF OHIO My Comm. Has No Expiration Date	
Section 147.03 R. C	
A CALL OF CALLER	
A CALL OF CALLER	State of
Signed at the City of	State of
Signed at the City of	State of
Signed at the City of	State of, 20
Signed at the City of on this day of	State of, 20
Signed at the City of on this day of	State of, 20 Charles William Hall, Jr.
Signed at the City of on this day of day of day of day of personally came Charles William Hall,	State of, 20 Charles William Hall, Jr.))ss:) , 20 before me Jr., to me known to be the individual described
Signed at the City of on this day of day of day of day of personally came Charles William Hall,	State of, 20 Charles William Hall, Jr.))ss:)
Signed at the City of on this day of State of County of day of personally came Charles William Hall, in and who executed the foregoing in	State of, 20 Charles William Hall, Jr.))ss:) , 20 before me Jr., to me known to be the individual described
Signed at the City of on this day of State of County of day of personally came Charles William Hall, in and who executed the foregoing in	State of, 20 Charles William Hall, Jr.))ss:), 20 before me Jr., to me known to be the individual described estrument, and acknowledged execution of the
Signed at the City of on this day of State of day of personally came Charles William Hall, in and who executed the foregoing in	State of, 20 Charles William Hall, Jr.))ss:) , 20 before me Jr., to me known to be the individual described estrument, and acknowledged execution of the

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Attorney Docket No.: HRA-37828.04

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Kin C. Fung** of Dublin, OH, **Timothy J. Dick** of Dublin, OH, and **Charles William Hall, Jr.** of Hilliard, OH, ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

\boxtimes	executed of	concurrently herewith
	executed of	on
	filed	, and assigned Application Serial No.

and is entitled

SYSTEM AND METHOD FOR DETERMINING THE INFORMATION TRANSFER RATE BETWEEN A DRIVER AND VEHICLE

hereby sell, assign and transfer to Honda Motor Co., Ltd., ("Assignee"), having a place of business at No. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and

> PATENT REEL: 041061 FRAME: 0579

deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of		State of	
on this day of		, 20	
	Kin C. Fu	ng	
State of)		
County of)ss:)		
On this day of personally came Kin C. Fung , to executed the foregoing instrumen	me known to be	the individual descri	
	Notary Pu	blic	
Seal			

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Signed at the City of	State of
on this day of	, 20
	Timothy J. Dick
State of	, , , , , , , , , , , , , , , , , , ,
County of)ss:)
personally came Timothy J. D	, 20 before more bick, to me known to be the individual described in another trument, and acknowledged execution of the same.
	Notary Public
Seal	
Signed at the City of <u>বিশ্</u> থ on this <u>/ উ</u> পিবয় of <u>ক্ষিত্</u>	Charles William Hall, Jr.
State of	
otato ot)
))ss:)
County of On this <u>/ろ</u> でday of personally came Charles Willi a))ss:) ②ANUACY 20/7 before mean Hall, Jr., to me known to be the individual described going instrument, and acknowledged execution of the complete the complet
On this /3 day of personally came Charles Willia in and who executed the fore KESANG SHER Notary Public, State of))ss:) (ジタンジタン 20 <u>/7</u> before material befor