502899525 07/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2946122

SUBMISSION TYPE:		1	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ļ	ASSIGNMENT				
CONVEYING PART	Υ DATA						
			Name			Execution Date	
TAKAHIKO INADA						06/26/2014	
TAKAHIRO ENOMOTO						06/26/2014	
YUHEI MATSUSHIMA			06/26			06/26/2014	
RECEIVING PARTY	' DATA						
			HI ELECTRIC CORPORATION				
Street Address:	7-3, M	7-3, MARUNOUCHI 2-CHOME					
City:	СНІҮС	CHIYODA-KU, TOKYO					
State/Country:	JAPAN	JAPAN					
Postal Code:	100-83	310					
Property Type Application Number:		Number 14333654					
Application Number:		14333654					
	E DATA						
CORRESPONDENC		• •	93-7860				
CORRESPONDENC Fax Number: <i>Correspondence w</i>	ill be sent to	o the e-	mail address first; if that i				
CORRESPONDENC Fax Number: Correspondence w using a fax number	ill be sent to	o the e- d; if tha	mail address first; if that i t is unsuccessful, it will b				
CORRESPONDENC Fax Number: <i>Correspondence w using a fax number</i> Phone:	ill be sent to	o the e- d; if tha 202293	mail address first; if that i t is unsuccessful, it will b	e sen	t via US		
CORRESPONDENC Fax Number: <i>Correspondence w using a fax number</i> Phone: Email:	ill be sent to r, if provided	o the e- d; if tha 202293 javiles(<i>mail address first; if that i it is unsuccessful, it will b</i> 37060	e sen	t via US		
CORRESPONDENC Fax Number: <i>Correspondence w using a fax number</i> Phone: Email: Correspondent Nar	ill be sent to r, if provided	o the e- d; if tha 202293 javiles0 SUGHI	<i>mail address first; if that i</i> it is unsuccessful, it will b 37060 @sughrue.com, sughrue@s	e sen ughru	t via US		
CORRESPONDENC Fax Number: <i>Correspondence w using a fax number</i> Phone: Email: Correspondent Nar Address Line 1:	ill be sent to r, if provided	o the e- d; if tha 202293 javiles0 SUGHI 2100 P	<i>mail address first; if that i at is unsuccessful, it will b</i> 37060 @sughrue.com, sughrue@s RUE MION PLLC	e sen ughru	t via US		
CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax number</i> Phone: Email: Correspondent Nar Address Line 1: Address Line 4:	ill be sent to r, if provided ne:	o the e- d; if tha 202293 javiles0 SUGHI 2100 P WASH	<i>mail address first; if that i</i> at is unsuccessful, it will b 37060 @sughrue.com, sughrue@s RUE MION PLLC 'ENNSYLVANIA AVENUE, I	e sen ughru	t via US		
CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax number</i> Phone: Email: Correspondent Nar Address Line 1: Address Line 4:	ill be sent to r, if provided me: T NUMBER:	o the e- d; if tha 202293 javiles0 SUGHI 2100 P WASH	<i>mail address first; if that i</i> <i>it is unsuccessful, it will b</i> 37060 @sughrue.com, sughrue@s RUE MION PLLC PENNSYLVANIA AVENUE, I INGTON, D.C. 20037-3213	e sen ughru NW	<i>t via US</i> e.com	Mail.	
CORRESPONDENC Fax Number: Correspondence w using a fax number Phone: Email: Correspondent Nar Address Line 1: Address Line 4: ATTORNEY DOCKE	ill be sent to r, if provided me: T NUMBER:	o the e- d; if tha 202293 javiles0 SUGHI 2100 P WASH	<i>mail address first; if that i</i> <i>it is unsuccessful, it will b</i> 37060 @sughrue.com, sughrue@s RUE MION PLLC ENNSYLVANIA AVENUE, I INGTON, D.C. 20037-3213	e sen ughru NW	<i>t via US</i> e.com	Mail.	
CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax number</i> Phone: Email: Correspondent Nar Address Line 1:	ill be sent to r, if provided me: T NUMBER:	o the e- d; if tha 202293 javiles0 SUGHI 2100 P WASH	<i>mail address first; if that i</i> <i>it is unsuccessful, it will b</i> 37060 @sughrue.com, sughrue@s RUE MION PLLC 'ENNSYLVANIA AVENUE, I INGTON, D.C. 20037-3213 Q213337	e sen ughru NW	<i>t via US</i> e.com	Mail.	

source=Q213337CombinedDeclarationandAssignmentExecuted#page3.tif

Docket No.: Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

特許出願宣言書付き譲渡書(37 CFR 1.63)

Japanese Language Assignment with Declaration

下記に署名した発明者であり、以下に譲渡人と称される私 (我々)は、下記の出版に記載された改良に関する発明を し、

の_______の______(譲受人)は、本件出顧 および本件発明、ならびに当該出顧から得られるいかなる米 国特許に開する全ての権利、権原、および利益の取得を要求 します。

よって、価値ある対価の受領をここに確認し、

上で譲渡人として指名された私(我々)は、米国における本 件出願およびその発明開示。全ての分割出願および継続出 題、これら出願について許可された米国特許証および全ての 再発行特許に関する全ての権利(35 USC 119 に基づく優先 権を主張する権利を含む)、権原、および利益を、上で指定 した護受人、その承継人ないし権利承維者に売却、譲渡、移 転するとともに、私(我々)は米国特許商標庁長官に対し、 本件出願に記載の発明に対する特許証を、譲受人、その承継 人ないし権利承継者に発行することを要請し、私(我々) は、これ以上の対価なしに、譲受人の求めにより、本件米国 特許出額に関して譲受人が必要とみなす全ての審損を作成し ます。

(公証人による認証は不要であるが、これらの書類は、35 #SC 261 に基づく推定された証拠となる)

私は、下記に記載の発明者として、以下の通り宣言します。

本宣誓付き籐渡書は、以下に関します。

🧻 添付の出願書、または、

□ ______年_月_日に出願された米国出願あるいは PCT 国際出題番号______(確認番号_____)

体件出願の名称は、以下の通りです。

Whereas, I/Wc, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Mitsubishi Electric Corporation of 7-3, Maruneuchi 2choms, Chivoda-ku, TOKYQ 100-8310 JAPAN

, (assignce), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignce, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignce in connection with the United States application when called upon to do so by the assignce.

(Legalization not required for recording but is prime facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

M The attached application, or

United States Application or PCT International Application

Number _____ filed on _____

(Confirmation No. _____).

The application is entitled:

CONTROL DEVICE FOR INTERNAL COMBUSTION

ENGINE HAVING CYLINDER RESTING MECHANISM

[Page 1]

Japanese Language Assignment with Declaration

上記に明示された出願は、私が作成した、または作成を許可 したものです。

私は、本件出職において請求項に記載された発明の本来の発 朝者、または、本来の共同発明者であると信じています。

率は、本宣言付き譲渡書の提出に関わる本件出願の内容を検 耐し、現解しています。

私は、37 CPR 1.55 に定義されるように、自身が知る全ての 特許性に関する意要な情報を、米園特許商標庁に開示する義 務があることを認識しています。

私は、本宣言付き譲渡審において故意に虚偽の供述を行った 場合、18 USC 1001 に基づき、罰金あるいは 5 年以下の懲 役、または両方による処罰の対象となることを認識していま す。

参加管轄官庁対する出願へのアクセス許可

印を付けた場合、下記の署名者は本書をもって、米 国特許商標庁が、ヨーロッパ特許庁(EPO)、日本特許庁 (JPO)、韓国知的所有権庁(KIPO)、世界知的所有権機 関(WIPO)、および上記の出願に基づく優先権を主要する 外国出願が提出されたその他の知的所有権管轄官庁に、上 記の特許出職へのアクセス権を付与することを許可しま す。37 CFR 1.14(c)および(h)を参照。出願人が、EPO、 JPO、KIPO、または上記の出願に基づく優先権を主要する 外国出願が提出されたその他の知的所有権管轄官庁に対し て、上記の出願へのアクセス権を付与することを希望しな い場合には、この欄には印を付けないでください。

下記の署名者は、37 CFR 1.14(h)(3)に従い、1)上記の出 顧時の特許出願、2) 35 USC 119(a)~(d)に従って、上記出 厳が優先権を主張するいずれの外国出願、(37 CFR 1.55 の総証謄本の契件を満たす外国出願の写しが上記の特許出 販で提出された場合)、ならびに 3)上記の特許出題につ いて、それによる利益を享受するいずれの出願時の米国出 願に関して、出願時の出願書の写しへのアクセス権を付与 します。

下記の署名者は、37 CFR 1.14(o)に従い、参加管轄官庁に 対する出願へのアクセス許可の提出日に関する情報へのア クセス権を付与します。 The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

Si If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b);

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

9/28/2012

Signature Date

Nven Name (first and middle [if any])	Family Name or Sumane
B (名およびミドルネーム[該当する場合]) Takahiko	M: INADA
aventor's signature Enstration Ind	: : : : : : : : : : : : : : : : : : : :
tesidenos: を所: TOK.YO, JAPAN	
dading Address; \$18:55;: e/o Mitsubishi Electric Corporation 7-3, Maronouchi 2-chome, Chiyode-ku, IAME OF SECOND INVENTOR:	TOKYO 100-\$310 JAPAN
mme Co selutio deventue: 高二の発明者名:	
liven Name (first and middle [if any]) 5 (名およびミドルネーム[録告する場合]) Takahiro	Family Name or Surname M: ENOMOTO
rventor's signature E19780#2 Takahiro Enome	260 Date BH June 26, 2019
lesidenos: EFF: TOK.YO, JAPAN	
failing Address: などの Mitashishi Electric Engineering Cor 1-13-5、KUDANKITA, CHIYODA-KU	npany Limited , TOKYO 102-0973, JAPAN
iame of timed inventor: 8三の発明者名 :	
iiven Name (first and middle [if any]) 5 (名およびミドルネーム[録音する場合]) 	Family Name or Staname 12: MATSUSHIMA
wentor's signeture 1993 o Maria Juher Matoc	
astikano: LM: TOKYO, JAPAN	
failing Address: 5:55%: c/o Mitsubishi Electric Corporation 7-3, Marunouchi 2-chome, Chiyoda-ku,	TOKYO 100-8310 JAPAN
AME OF FOURTH INVENTOR: S脳の発明者名:	
iives: Name (list and middle []/ my]) 5 (名およびミドルキーム[該当する場合])	Family Name or Statiante
rventor's signature 8明者の署名	Date 日付
residence; HFF :	
failing Address: [送先:	
'AME OF FIFTH INVENTOR: N五の毎明者名:	
liven Name (first and middle (if any)) 5 (名およびミドルオーム[該当する場合])	Pamily Mame or Surname St:
wentor's signature 2明者の署名	Date 日付
asidemor. BBD	
tailing Address: S送先:	

RECORDED: 07/21/2014

PATENT REEL: 033350 FRAME: 0034