

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5127762

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICATION NUMBER previously recorded on Reel 045683 Frame 0787. Assignor(s) hereby confirms the APPLICATION NUMBER: 15772625.	
RESUBMIT DOCUMENT ID:	504897975	
CONVEYING PARTY DATA		
	Name	Execution Date
	KIYOSHI SUEHARA	03/27/2018
	HIDENORI TAKAHASHI	03/07/2018
	TORU IWANAGA	02/26/2018
	YUTAKA MORITA	02/26/2018
RECEIVING PARTY DATA		
Name:	HITACHI METALS, LTD.	
Street Address:	2-70, KONAN 1-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-8224	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15772625	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	dhunter@sughrue.com, sughrue@sughrue.com	
Correspondent Name:	SUGHRUE MION, PLLC	
Address Line 1:	2100 PENNSYLVANIA AVENUE NW	
Address Line 4:	WASHINGTON, D.C. 20037	
ATTORNEY DOCKET NUMBER:	Q239479	
NAME OF SUBMITTER:	DARRYL M. HUNTER	
SIGNATURE:	/Darryl M. Hunter/	
DATE SIGNED:	09/06/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10		

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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
KIYOSHI SUEHARA	03/27/2018
HIDENORI TAKAHASHI	03/07/2018
TORU IWANAGA	02/26/2018
YUTAKA MORITA	02/26/2018
RECEIVING PARTY DATA	
Name:	HITACHI METALS, LTD.
Street Address:	2-70, KONAN 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-8224
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15722625
CORRESPONDENCE DATA	
Fax Number: Email: dhunter@sughrue.com, sughrue@sughrue.com <i>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.</i> Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 PENNSYLVANIA AVENUE NW Address Line 4: WASHINGTON, D.C. 20037	
ATTORNEY DOCKET NUMBER:	Q239479
NAME OF SUBMITTER:	DARRYL M. HUNTER
Signature:	/Darryl M. Hunter/
Date:	05/01/2018

PATENT

REEL: 046804 FRAME: 0734

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID: PAT4940930

Receipt Date: 05/01/2018

PATENT

REEL: 046804 FRAME: 0735

**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、下記の出願に記載された改良に関する発明をし、

_____ の _____（譲受人）は、本件出願および本件発明、ならびに当該出願から得られるいかなる米国特許に関する全ての権利、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願、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、上で指定した譲受人、その承継人ないし権利承継者に売却、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、本件米国特許出願に関して譲受人が必要とみなす全ての書類を作成します。

（公証人による認証は不要であるが、これらの書類は、35 USC 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。

本宣言付き譲渡書は、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 国際出願番号 _____（確認番号 _____）

本件出願の名称は、以下の通りです。

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

Whereas, HITACHI METALS, LTD. of 2-70, Konan 1-chome, Minato-ku, Tokyo, 108-8224, Japan, (assignee), 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 assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

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

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

☐ The attached application, or

☒ United States Application or PCT International Application
Number PCT/IP2016/082686 filed on November 2, 2016
(Confirmation No. _____).

The application is entitled:

CASTING APPARATUS AND CASTING METHOD

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

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

私は、37 CFR 1.56 に定義されるように、自身を知る全ての特許性に関する重要な情報を、米国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、本宣言付き譲渡書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。

参加管轄官庁に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張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、上記の特許出願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張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) 上記の出願時の特許出願、2) 35 USC 119(a) ~ (d) に従って、上記出願が優先権を主張するいずれの外国出願、(37 CFR 1.55 の認証謄本の要件を満たす外国出願の写し上記の特許出願で提出された場合)、ならびに 3) 上記の特許出願について、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(c) 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

☒ 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.

Signature



Date

9/28/2012

NAME OF SOLE OR FIRST INVENTOR: 唯一あるいは第一の発明者名		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合]) Kiyoshi		Family Name or Surname 姓 SUEHARA
Inventor's signature 発明者の署名 <i>Kiyoshi Suehara</i>		Date 日付 3/27/2018
Residence: 住所: 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
Mailing Address: 郵送先: ; c/o Hitachi Metals, Ltd., Moka Works, 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
NAME OF SECOND INVENTOR: 第二の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合]) Hidenori		Family Name or Surname 姓 TAKAHASHI
Inventor's signature 発明者の署名 <i>Hidenori Takahashi</i>		Date 日付 3/7/2018
Residence: 住所: 6010, Mikajiri, Kumagaya-shi, Saitama, 3600843, Japan		
Mailing Address: 郵送先: ; c/o Hitachi Metals, Ltd., Production Systems Laboratory, 6010, Mikajiri, Kumagaya-shi, Saitama, 3600843, Japan		
NAME OF THIRD INVENTOR: 第三の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合]) Toru		Family Name or Surname 姓 IWANAGA
Inventor's signature 発明者の署名 <i>Toru Iwanaga</i>		Date 日付 2/26/2018
Residence: 住所: 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
Mailing Address: 郵送先: ; c/o Hitachi Metals, Ltd., Moka Works, 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
NAME OF FOURTH INVENTOR: 第四の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合]) Yutaka		Family Name or Surname 姓 MORITA
Inventor's signature 発明者の署名 <i>Yutaka Morita</i>		Date 日付 2/26/2018
Residence: 住所: 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
Mailing Address: 郵送先: ; c/o Hitachi Metals, Ltd., Moka Works, 13, Kinugaoka, Moka-shi, Tochigi, 3214367, Japan		
NAME OF FIFTH INVENTOR: 第五の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合])		Family Name or Surname 姓
Inventor's signature 発明者の署名		Date 日付
Residence: 住所:		
Mailing Address: 郵送先:		