### 503123004 01/05/2015

## PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3169612

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEITARO TAMURA	12/04/2014
YASUYUKI FUJII	12/04/2014
YOSHIO ITSUMI	12/04/2014
HIDETO OYAMA	12/04/2014

#### **RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD)	
Street Address:	2-4, WAKINOHAMA-KAIGANDORI 2-CHOME	
City:	CHUO-KU, KOBE-SHI, HYOGO	
State/Country:	JAPAN	
Postal Code:	651-8585	

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

Property Type	Number
Application Number:	29513046

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

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:** 703-413-3000

Email: CWAGNER@OBLON.COM

Correspondent Name: CHERYL WAGNER
Address Line 1: 1940 DUKE STREET
Address Line 2: OBLON SPIVAK

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	446334US41DES
NAME OF SUBMITTER:	CHERYL B WAGNER
SIGNATURE:	/Cheryl B. Wagner/
DATE SIGNED:	01/05/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

PATENT REEL: 034634 FRAME: 0640

503123004



# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	Heat exchanger tu	ıbe
As the below name	d inventor, I hereby d	eclare that:
This declaration 🗵	The attached applic	ation, or
is directed to:	United States applie filed on	cation or PCT international application number
The above-identifie	ed application was ma	de or authorized to be made by me.
I believe that I am t	the original inventor o	or an original joint inventor of a claimed invention in the application.
(hereinafter referre Chuo-ku, Kobe-shi invention and in a	d to as "ASSIGNEE , Hyogo, 651-8585 Ja	Seiko Sho (Kobe Steel, Ltd.)  "") having places of business at: 2-4, Wakinohama-Kaigandori 2-chome, upan, is desirous of acquiring the entire right, title and interest in and to said then that may be granted therefore in the United States and its territorial nuntries;
acknowledged, and said ASSIGNEE, the and in all foreign coother relevant Inter- interest in and to a	I for other good and whe full and exclusive countries (including the mational Treaties and any and all Letters Panany and all foreign	on of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby valuable consideration, I, by these presents do sell, assign and transfer unto right to the said invention in the United States and its territorial possessions e right to claim priority under the terms of the International Convention and Arrangements from the aforesaid application) and the entire right, title and attent which may be granted therefor in the United States and its territorial in countries and in and to any and all divisions, reissues, continuations,
any and all foreign assignee of my enti- (his) successors and	countries to issue as ire right, title and inte d assigns, to the full	attent Office Officials in the United States and its territorial possessions and my and all of said Letters Patent, when granted, to said ASSIGNEE as the erest in and to the same, for the sole use and behoof of said ASSIGNEE, its end of the term for which said Letters Patent may be granted, as fully and d by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
		false statement made in this declaration is punishable under 18 U.S.C. 1001 if five (5) years, or both.
LEGAL NAME OF	INVENTOR	
Inventor: Keita	ro TAMURA	Date: December 4, 2014
Signature:	日村 丰太郎	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	Heat exchanger tube	
As the below name	d inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT international application number filed on	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referre Chuo-ku, Kobe-shi invention and in a	bushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)  Ed to as "ASSIGNEE") having places of business at: 2-4, Wakinohama-Kaigandori 2-chome,  Hyogo, 651-8585 Japan, is desirous of acquiring the entire right, title and interest in and to said  and to any Letters Patent that may be granted therefore in the United States and its territorial  any and all foreign countries;	
acknowledged, and said ASSIGNEE, the and in all foreign co- other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby a for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and rnational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof.	
any and all foreign assignee of my enti (his) successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	reledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR		
Inventor: Yasu	yuki FUJII Date: December 4, 2014	
Signature:	<u>藤井 康文</u>	

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This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT international application number	
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	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Yosh	io ITSUMI Date: December 4, 2014	
Signature:	2. 电 数男	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	Heat exchanger tube	
As the below name	ed inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT international appli filed on	cation number
The above-identifie	ed application was made or authorized to be made by r	ne.
I believe that I am t	the original inventor or an original joint inventor of a c	claimed invention in the application.
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any and all foreign assignee of my enti (his) successors and	rize and request the Patent Office Officials in the Unit in countries to issue any and all of said Letters Patent tire right, title and interest in and to the same, for the and assigns, to the full end of the term for which said the would have been held by me had this Assignment and	t, when granted, to said ASSIGNEE as the sole use and behoof of said ASSIGNEE, its Letters Patent may be granted, as fully and
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	wledge that any willful false statement made in this decument of not more than five (5) years, or both.	laration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	F INVENTOR	
Inventor: Hidet Signature:	to OYAMA 大山英人	Date: December 4, 2014

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PATENT REEL: 034634 FRAME: 0645

**RECORDED: 01/05/2015**