502615322 12/27/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2661892

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
1			ame Executi	ion Date	
MASAYA KATSUMATA			12/27/2013		
YASUNORI HYOGO			12/27/2013		
RECEIVING PARTY	DATA				
Name:	MITSUBISHI A	MITSUBISHI ALUMINUM CO. LTD.			
Street Address:	3-3, SHIBA 2-0	3-3, SHIBA 2-CHOME			
City:		MINATO-KU, TOKYO			
State/Country:	JAPAN	JAPAN			
Property Type		Number 14142371			
Application Number:		141423	/ I		
CORRESPONDENCE	E DATA				
CORRESPONDENCE Fax Number:		413-22	20		
Fax Number: Phone:	(703) (703)	413-30	00		
Fax Number: Phone: Email:	(703) (703) krous	413-30 se@obl	00 on.com		
Fax Number: Phone: Email: Correspondence will	(703) (703) krous be sent via US Mai	413-30 se@obl	00 on.com <i>the email attempt is unsuccessful.</i>		
Fax Number: Phone: Email:	(703) (703) krous be sent via US Mai : OBLO	413-30 se@obl <i>il when</i> ON, SP	00 on.com <i>the email attempt is unsuccessful.</i>		
Fax Number: Phone: Email: Correspondence will Correspondent Name	(703) (703) krous <i>be sent via US Mai</i> : OBLC 1940	413-30 se@obl <i>il when</i> ON, SP DUKE	00 on.com <i>the email attempt is unsuccessful.</i> VAK		
Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1:	(703) (703) krous be sent via US Mai : OBLO 1940 ALEX	413-30 se@obl <i>il when</i> ON, SP DUKE	00 on.com <i>the email attempt is unsuccessful.</i> VAK STREET		
Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4:	(703) (703) krous be sent via US Mai : OBLC 1940 ALEX	413-30 se@obl <i>il when</i> ON, SP DUKE	on.com the email attempt is unsuccessful. VAK STREET A, VIRGINIA 22314		
Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET	(703) (703) krous be sent via US Mai : OBLC 1940 ALEX	413-30 se@obl <i>il when</i> ON, SP DUKE	on.com the email attempt is unsuccessful. VAK STREET A, VIRGINIA 22314 425604US8CIP		
Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET	(703) (703) krous be sent via US Mai : OBLC 1940 ALEX	413-30 se@obl <i>il when</i> ON, SP DUKE	on.com the email attempt is unsuccessful. VAK STREET A, VIRGINIA 22314 425604US8CIP KIM ROUSE		
Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE Signature:	(703) (703) krous be sent via US Mai : OBLC 1940 ALEX	413-30 se@obl <i>il when</i> ON, SP DUKE	on.com the email attempt is unsuccessful. VAK STREET A, VIRGINIA 22314 425604US8CIP KIM ROUSE /Kim Rouse/		

Total Attachments: 2

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> **PATENT REEL: 031854 FRAME: 0903**

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of HEAT EXCHANGER TUBE PRECURSOR AND METHOD OF PRODUCING THE SAME Invention					
As the below named inventor, I hereby declare that:					
This declaration X The attached application, or					
is directed to: United States application or PCT international application number filed on					
The above-identified application was made or 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.					
WHEREAS, Mitsubishi Aluminum Co. Ltd.					
(hereinafter referred to as "ASSIGNEES") having places of business at: 3-3, Shiba 2-chome, Minato-ku, Tokyo, Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;					
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.					
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.					
Further, I agree that I will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.					
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
LEGAL NAME OF INVENTOR					
nventor: Masaya KATSUMATA Date: December 27, 2013					
Signature: Masuya katsupata					

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

PATENT REEL: 031854 FRAME: 0904

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	HEAT EXCHANGER TUBE PRECURSOR AND METHOD OF PRODUCING THE SAME			
As the below named	inventor, I hereby declare that:			
This declaration X The attached application, or				
is directed to:	United States application or PCT international application number			
The above-identified application was made or 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.				
WHEREAS, Mitsu	ıbishi Aluıninum Co. Ltd.			
(hereinafter referred to as "ASSIGNEES") having places of business at: 3-3, Shiba 2-chome, Minato-ku, Tokyo, Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;				
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.				
Further, I agree that I will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME OF	INVENTOR			
Inventor: Yasunori				
Signature:	asmori byozo			

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 031854 FRAME: 0905

RECORDED: 12/27/2013