

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YASUTO HIGASHIDA	03/23/2015
	YASUYOSHI HIDAKA	03/23/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NIPPON STEEL & SUMITOMO METAL CORPORATION	
<b>Street Address:</b>	6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	100-8071	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14433154
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(212)425-5288	
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<b>ATTORNEY DOCKET NUMBER:</b>	14696/127	
<b>NAME OF SUBMITTER:</b>	PATRICK J. BIRDE	
<b>SIGNATURE:</b>	/Patrick J. Birde/	
<b>DATE SIGNED:</b>	04/02/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>		
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**COMBINED DECLARATION AND ASSIGNMENT**

**Using an Application Data Sheet (37 C.F.R. 1.76)**

As a below named inventor, I hereby declare that:

I believe I am the original and sole inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PLUG FOR HOT TUBE-MAKING**

the specification of which is attached hereto unless the following is entered:

was filed on:	as United States Application Number or PCT International Application Number:	and was amended on (if applicable):
December 16, 2013	PCT/JP2013/083635	

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

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;

AND, WHEREAS **NIPPON STEEL & SUMITOMO METAL CORPORATION**, having a place of business at **6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any U.S. Patent Office procedure, or arbitration, or litigation.

Legal Name of Inventor: Yasuto HIGASHIDA

Inventor Signature <i>Yasuto Higashida</i>	Date March 23, 2015
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Legal Name of Inventor: Yasuyoshi HIDAKA

Inventor Signature <i>Yasuyoshi Hidaka</i>	Date March 23, 2015
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