

## 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>
KANAKO SUZUKI	01/21/2020
MIKIO OKOSHI	01/21/2020
YOHEI SHIRAKAWA	01/21/2020
YOSHITAKE AGEISHI	01/21/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI METALS, LTD.
<b>Street Address:</b>	2-70, KONAN 1-CHOME, MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-8224
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16788147
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	10788-025US1
<b>NAME OF SUBMITTER:</b>	LAURA HEIDT
<b>SIGNATURE:</b>	/Laura Heidt/
<b>DATE SIGNED:</b>	02/12/2020
<b>Total Attachments: 2</b>	
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source=10788-025US1 2020_02_12 Executed Assignment#page2.tif	

**ASSIGNMENT**

For valuable consideration, We, **Kanako SUZUKI**, of Tokyo, Japan; **Mikio OKOSHI**, of Tokyo, Japan; **Yohei SHIRAKAWA**, of Tokyo, Japan; and **Yoshitake AGEISHI**, of Tokyo, Japan, hereby assign to **HITACHI METALS, LTD.**, a corporation of Japan, having a place of business at 2-70, Konan 1-chome, Minato-ku, Tokyo 108-8224 Japan, and its successors and assigns (collectively hereinafter “the Assignee”), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, entitled “**METHOD FOR MANUFACTURING SOLDER WITH GROUND BAR AND COAXIAL CABLE ARRAY**,” filed February 11, 2020, and assigned U.S. Patent Application No. 16/788,147, [We authorize Meunier Carlin & Curfman LLC the rights to make the necessary changes to the assignment before filing which will include the Application Number and Filing Date], which claims priority to Japanese Patent Application No. 2019-024398, filed February 14, 2019; this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and We agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: January 21, 2020

Kanako Suzuki  
Kanako SUZUKI

Date: January 21, 2020

Mikio Okoshi  
Mikio OKOSHI

Date: January 21, 2020

Yohei Shirakawa  
Yohei SHIRAKAWA

Date: January 21, 2020

Yoshitake ageishi  
Yoshitake AGEISHI