

## 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>
HITACHI CABLE FINE-TECH, LTD.	08/22/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI METALS LTD.
<b>Street Address:</b>	2-1 SHIBAURA 1-CHOME MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	105-8614
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13793955
<b>Application Number:</b>	13910024
<b>CORRESPONDENCE DATA</b>	
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<b>Correspondent Name:</b>	THOMAS W. COLE
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<b>ATTORNEY DOCKET NUMBER:</b>	TWC
<b>NAME OF SUBMITTER:</b>	THOMAS W. COLE
<b>SIGNATURE:</b>	/Thomas W. Cole/
<b>DATE SIGNED:</b>	09/04/2014
<b>Total Attachments: 1</b>	
source=Assignment Hitachi Cable Fine Tech Ltd to Hitachi Metals Ltd#page1.tif	

### ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, **Hitachi Cable Fine-Tech, Ltd.** as owner of record of the rights in certain inventions for which applications for United States Patents have been filed as follows:

U.S. Application Number  
13/793,955

Filed  
March 11, 2013

By Assignment Recorded at Reel/Frame  
029965 / 0649

U.S. Application Number  
13/910,024

Filed  
June 4, 2013

By Assignment Recorded at Reel/Frame  
030558 / 0394

do hereby sell and assign to: **Hitachi Metals, Ltd.** located at 2-1, Shibaura 1-chome Minato-ku, Tokyo, 105-8614, Japan (the "Assignee"), its successors and assigns, the full and exclusive right to the said inventions in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States and we hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patents to said assignee, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

By this assignment, we, **Hitachi Cable Fine-Tech, Ltd.**, also do hereby sell, assign, transfer and set over unto said **Hitachi Metals, Ltd.**, its legal representatives, successors and assigns, the entire right, title and interest in enforcing and asserting against any third parties, and recovering damages for past and future infringement of any patent rights related to said inventions, and in and to any and all improvements and/or modifications to the inventions.

WHEREAS, **Hiroshi KOMURO**, as **President of Hitachi Cable Fine-Tech, Ltd.** is authorized to execute assignment documents relating to patent applications owned by **Hitachi Cable Fine-Tech, Ltd.**, we, **Hitachi Cable Fine-Tech, Ltd.**, do hereby effect the aforementioned assignment to **Hitachi Metals, Ltd.** by **Hiroshi KOMURO's** signature below:

**HITACHI CABLE FINE-TECH, LTD.**

Date: 22/08/2014

By: H. Komuro

Title: President of Hitachi Cable Fine-Tech, Ltd.

Name: Hiroshi KOMURO