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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUVATA ESPOO OY	05/02/2017

RECEIVING PARTY DATA

Name:	MMC COPPER PRODUCTS OY	
Street Address:	KUPARITIE 5	
City:	PORI	
State/Country:	FINLAND	
Postal Code:	FI-28330	

PROPERTY NUMBERS Total: 9

Property Type	Number
Patent Number:	6813921
Patent Number:	6634415
Patent Number:	6871522
Patent Number:	6877206
Patent Number:	9318685
Patent Number:	7728229
Patent Number:	8626254
Application Number:	15508011
Application Number:	14377326

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	043307.00059
NAME OF SUBMITTER:	RACHEL S. WATT

SIGNATURE:	/rachel s. watt#46186/	
DATE SIGNED:	09/28/2017	
Total Attachments: 4		
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ASSIGNMENT OF PATENTS AND TRADEMARKS

This Assignment of Patents and Trademarks ("Assignment"), effective as of May 2, 2017 ("Effective Date"), is given by Luvata Espoo Oy, with an address at P.O. Box 78, FI-02101 Espoo, Finland ("Assignor") to MMC Copper Products Oy, with an address at Kuparitie 5, FI-28330 Pori, Finland ("Assignee").

WHEREAS, Assignor owns the patents and patent applications listed on Exhibit A (the "*Patents*");

WHEREAS, Assignor owns the trademarks listed on Exhibit B, including, without limitation, all applications and registrations therefor (the "*Marks*") together with any and all goodwill of the business symbolized by and associated with the Marks;

WHEREAS, Assignor desires to transfer to Assignee and Assignee desires to acquire from Assignor all of Assignor's right, title, and interest in and to the Patents;

WHEREAS, Assignor desires to transfer to Assignee and Assignee desires to acquire from Assignor all of Assignor's right, title, and interest in and to the Marks, together with all of the goodwill of the business symbolized by and associated with the Marks, worldwide.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers, conveys, sets over, and delivers unto Assignee and Assignee's successors and assigns forever, on a worldwide basis:

(A)

(i) the Patents and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, and renewals thereof; (ii) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world; (iii) any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and (iv) the right to sue for all past, present, and future infringements, misappropriations, and other violations of the Patents and to recover damages and other amounts related thereto;

(B)

(i) all of Assignor's right, title, and interest in and to the Marks, together with the goodwill of the business connected with the use thereof and symbolized thereby; (ii) the right to apply for and obtain registrations for the Marks and all rights of renewal and extensions thereof, including, without limitation, all rights under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties related to the Marks; (iii) all common-law rights related to the Marks; and (iv) the right to sue for all past, present, and future

Assignment of Patents and Trademarks Luvata Espoo Oy to MMC Copper Products Oy Page 2 of 4

> infringements, dilutions, and other violations of the Marks and to recover damages and other amounts related thereto.

Assignor will cooperate and work with Assignee and will provide and execute any and all additional papers, documents, or instruments necessary to complete the Assignment herein and vest title to and ownership of the Patents and Marks in Assignee.

TO HAVE AND TO HOLD the same unto said Assignee, its successors and assigns, forever.

LUVATA ESPOO OY

Name: Valerie Stevens
Title: Attorney-in-Fact

Exhibit A

COUNTRY	APPL./REG. NO.	APPL./REG.	TITLE
		DATE	
U.S.A.	6,813,921	11/9/2004	METHOD FOR ROLLING METAL MATERIAL INTO A
			METAL STRIP
U.S.A.	6,634,415	10/21/2003	CONTINUOUS EXTRUSION USING DYNAMIC SHOE
			POSITIONING
U.S.A.	6,871,522	3/29/2005	CONTINUOUS EXTRUSION USING DYNAMIC SHOE
			POSITIONING
U.S.A.	6,877,206	4/12/2005	METHOD FOR PRODUCING A METAL STRIP
U.S.A.	9,318,685	4/19/2016	METHOD FOR PRODUCING A SUPERCONDUCTIVE
			ELEMENT
U.S.A.	7,728,229	6/1/2010	MULTI-STABILIZED NBTI COMPOSITE
			SUPERCONDUCTING WIRE
U.S.A.	8,626,254	1/7/2014	Metal Assembly Constituting A Precursor For A
			Superconductor, A Superconductor And A Method Suitable
			For The Production Of A Superconductor
U.S.A.	15/508,011	3/1/2017	A Metal Assembly Comprising a Superconductor
U.S.A.	14/377,326	8/7/2014	PIVOTABLE TUNDISH AND A METHOD FOR
			CONTINUOUS CASTING A METAL ALLOY, USE OF A
			PIVOTABLE TUNDISH AND AN ELONGATED CAST
			BAR OF A METAL ALLOY

Exhibit B

MARK	COUNTRY	REG. NO.	REG. DATE
SUNWIRE	U.S.A.	4,547,948	6/10/2014
LUVAWELD	U.S.A.	3,493,496	8/26/2008
SEAWIRE	U.S.A.	4,254,271	12/4/2012
OFE-OK	U.S.A.	2,036,509	2/11/1997
OF-OK	U.S.A.	2,036,510	2/11/1997
ULTRABRAZE	Mexico	1377324	06/25/2013
ULTRABRAZE	Mexico	1347411	02/11/2013
ULTRABRAZE	Mexico	1347412	02/11/2013

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PATENT
RECORDED: 09/28/2017

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