

## 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>
	JUSSI SIPILÄ	11/23/2012
	MARKKU LAHTINEN	11/13/2012
	PETER BJÖRKLUND	11/13/2012
	KAARLE PELTONIEMI	12/10/2012
	TAPIO AHOKAINEN	12/10/2012
	LAURI PESONEN	12/03/2012
	KAJ EKLUND	12/18/2012
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14666691
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<b>ATTORNEY DOCKET NUMBER:</b>	9330.0019	
<b>NAME OF SUBMITTER:</b>	SUSAN D. PITCHFORD	
<b>SIGNATURE:</b>	/SUSAN D. PITCHFORD/	
<b>DATE SIGNED:</b>	03/24/2015	

PATENT

**Total Attachments: 3**

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ASSIGNMENT - PATENT APPLICATION

WHEREAS, I/We, Jussi SIPILÄ, Markku LAHTINEN, Peter BJÖRKLUND, Kaarle PELTONIEMI, Tapio AHOKAINEN, Lauri P. PESONEN and Kaj EKLUND, have invented certain new and useful improvements in

METHOD OF USING A SUSPENSION SMELTING FURNACE, A SUSPENSION SMELTING FURNACE, AND A CONCENTRATE BURNER

for which an application for United States Letters Patent is being filed as entry into the national stage of PCT/FI2010/050811; and

WHEREAS, Outotec Oyj of Riihitontuntie 7 E, Espoo FI-02200, FINLAND (hereinafter "Assignee") desires to acquire an interest in said improvements and in the Letters Patent to be obtained therefor;


NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, I/We hereby assign and transfer to Assignee, for the territory of the United States of America and all other countries, the entire right, title, and interest in and to said improvements and in and to said application and any Letters Patent that may be granted therefor in the United States and any other country including any division, continuation, substitute, renewal or reissue of said application or said Letters Patent.

I/We hereby agree to communicate to Assignee any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce said Letters Patent, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon me/us and my/our heirs, successors and legal representative, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

I/We agree that no attorney/client or other fiduciary relationship exists between me/us and CHERNOFF, VILHAUER, McCLUNG & STENZEL, LLP

INVENTOR(S):

  
Jussi SIPILÄ

23. 11. 2012  
Date

  
Markku LAHTINEN

13. 11. 2012  
Date

  
Peter BJÖRKLUND

13.11.2012  
Date

  
Kaarle PELTONIEMI

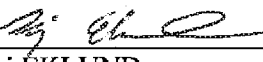
10.12.2012  
Date

  
Tapio AHOKAINEN

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Date

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Lauri P. PESONEN

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Date

  
Kaj EKLUND

December 18, 2012  
Date

Peter BJÖRKLUND

Date

Kaarle PELTONIEMI

Date

Tapio AHOKAINEN

Date

  
Lauri P. PESONEN

3.12.2012  
Date

Kaj EKLUND

Date