504684835 12/13/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES OLIVER	10/09/2017
JAN Y. JONSSON	10/11/2017

RECEIVING PARTY DATA

Name:	OUTOKUMPU OYJ
Street Address:	RIIHITONTUNTIE 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FI-02200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15319454

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	7114-1606204
NAME OF SUBMITTER:	RUSSELL D. ORKIN
SIGNATURE:	/Russell D. Orkin/
DATE SIGNED:	12/13/2017

Total Attachments: 2

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PATENT 504684835 REEL: 044377 FRAME: 0989

]	INTERNATIONAL	
Application No.	15/319,454	
Attorney Docket No.	7114-1606204	

ASSIGNMENT

	WHEREAS, as a below named inventor, I have invented certain new and useful
impr	ovements in
	DUPLEX STAINLESS STEEL
	(Invention Title)
	for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND	D/OR
X	for which an application for a United States Patent was filed on <u>06/11/2015</u> (mm/dd/yyyy) and bears Application Number <u>15/319,454</u> (hereinafter "said application").
AND	D/OR:
X	for which an international patent application was filed under the Patent Cooperation Treaty on $\frac{06/11/2015}{\text{(mm/dd/yyyy)}}$, bearing Application No. $\frac{PCT/F12015/050415}{\text{application")}}$ (hereinafter "said application").
"assi	AND, WHEREAS, Outokumpu Oyj, a public limited company of Finland, ag a place of business at Riihitontuntie 7, FI-02200 Espoo, Finland, hereinafter called the gnee", is desirous of acquiring the entire right, title, and interest in and to said application and exercises and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged. I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

	INTERNATIONAL
Application No	15/319,454
Attorney Docket No	o. 7114-1606204

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. PULL NAME OF ASSIGNOR:	RESIDENCE:
James OLIVER	Fjardhundra, SWEDEN
EXECUTED this 11th day of October	_,2017
	SIGNATURE
WITNESS:	
	
2. FULL NAME OF ASSIGNOR:	RESIDENCE;
Jan Y. JONSSON	Avesta, SWEDEN
EXECUTED this 11 to day of October	_,2017
	1 A Course
	SIGNATURE
27.1100.100.00	
WITNESS:	
	AND CONTRACTOR OF THE CONTRACT

RECORDED: 12/13/2017