504604166 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4650878

CONVEYING PARTY DATA

Name	Execution Date
GÜNTHER PLOEDERL	10/17/2017
MARKUS GRESSENBAUER	10/12/2017
GÜNTER MONDL	10/16/2017
INGO PRASS	10/16/2017

RECEIVING PARTY DATA

Name:	NEMAK, S.A.B. DE C.V.
Street Address:	LIBRAMIENTO ARCO VIAL KM 3.8, NUEVO LEON
City:	GARCIA
State/Country:	MEXICO
Postal Code:	66000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15568254

CORRESPONDENCE DATA

Fax Number: (412)471-4094

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 412-471-8815

Email: assignments@webblaw.com
Correspondent Name: THE WEBB LAW FIRM, P.C.
Address Line 1: ONE GATEWAY CENTER

Address Line 2:420 FT. DUQUESNE BLVD, SUITE 1200Address Line 4:PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	3988-1708014
NAME OF SUBMITTER:	RUSSELL D. ORKIN
SIGNATURE:	/russell d. orkin/
DATE SIGNED:	10/20/2017

Total Attachments: 4

source=RECANDASSIGN#page1.tif source=RECANDASSIGN#page2.tif

PATENT 504604166 REEL: 043914 FRAME: 0560

source=RECANDASSIGN#page3.tif source=RECANDASSIGN#page4.tif

> PATENT REEL: 043914 FRAME: 0561

	ORM COVER SHEET
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies) Günther PLOEDERL	2. Name and address of receiving party(ies) Name:Nemak, S.A.B. de C.V
Markus GRESSENBAUER	
Günter MONDL Ingo PRASS	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V	
3. Nature of conveyance/Execution Date(s):	Street Address: Libramiento Arco Vial Km 3.8, Nuevo Leon
Execution Date(s) 10/17/2017, 10/12/2017, & 10/16/2017	
✓ Assignment	
Security Agreement Change of Name	City: Garcia
Joint Research Agreement	State:
Government Interest Assignment	Country: MEXICO Zip: 66000
Executive Order 9424, Confirmatory License	21p. 00000
Other	Additional name(s) & address(es) attached? Yes 🗸 No
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)	B. Patent No.(s)
15/568,254	
Additional numbers at	ltached?
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Russell D. Orkin	7. Total fee (37 CFR 1.21(h) & 3.41) \$0
Internal Address: The Webb Law Firm	7. Total lee (57 OFK 1.21(II) & 5.41) 5 5
	Authorized to be charged to deposit account
Charact Address Co. Catarray Contain	Enclosed
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)
***************************************	8. Payment Information
City: Pittsburgh	
State: <u>PA</u> Zip: <u>15222</u>	
Phone Number: 412-471-8815	Deposit Account Number
Docket Number: 3988 - 1708014	Authorized User Name
Email Address: assignments@webblaw.com	Authorized Oser Ivanie
9. Signature: /Russell D. Orkin	,
Signature	Date
Russell D. Orkin	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing Documents to be recorded (including cover sheet)	et) should be faxed to (571) 273-0140, or mailed to:
	of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 043914 FRAME: 0562

	INTERNATIONAL
Application	No
Attorney Docket No	3988-1708014

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful

improvements in
CORE BOX FOR MANUFACTURING CASTING CORES
(Invention Title)
X for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND/OR
for which an application for a United States Patent was filed on (mm/dd/yyyy) and bears Application Number (hereinafter "said application").
AND/OR
for which an international patent application was filed under the Patent Cooperation Treaty on <u>04/08/2016</u> (mm/dd/yyyy), bearing Application No. <u>PCT/IB2016/000449</u> (hereinafter "said application").
AND, WHEREAS, Nemak, S.A.B. de C.V. , a corporation of Mexico , having a place of business at Libramiento Arco Vial Km 3.8, 66000 Garcia, Nuevo Leon, Mexico , hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions 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, including rights of priority under the International Convention of Paris (1883) as amended, 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 hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. $15/568,254$, filed $04/08/2016$) the filing date and application number of said application when known.
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.
Attorney Docket No	. <u>3988-1708014</u>

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. FULL NAME OF ASSIGNOR: Günther PLOEDERL	RESIDENCE: Herzogsdorf, AUSTRIA
EXECUTED this day of 10	
WITNESS:	Signature
2. FULL NAME OF ASSIGNOR: Markus GRESSENBAUER	RESIDENCE: St. Pankraz, AUSTRIA
EXECUTED thisday of	_, 2017
WITNESS: A CONTINUE SON	

Page 2 of 3

Checked Box indicates ____ additional page(s) for inventor signatures.

X

	INTERNATIONAL Application No.
	Attorney Docket No. <u>3988-1708014</u>
3. FULL NAME OF ASSIGNOR: Günter MONDL	RESIDENCE: Neuhofen an der Krems, AUSTRIA
EXECUTED this <u>A</u> day of <u>A</u>	, 2017
WITNESS:	·········
4. FULL NAME OF ASSIGNOR: Ingo PRASS	RESIDENCE: Gallneukirchen, AUSTRIA
EXECUTED thisday of	, 2017
	Signature

WITNESS