PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2635368

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERALD NITZL	11/05/2013
YONG TANG	11/05/2013
ARNO STRANIMAIER	11/05/2013

RECEIVING PARTY DATA

Name:	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG	
Street Address:	WIENERBERGSTRASSE 11	
City:	VIENNA	
State/Country:	AUSTRIA	
Postal Code:	A-1100	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14123717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BECKER-1060 US
NAME OF SUBMITTER:	CHRISTOPHER L. PARMELEE
Signature:	/Christopher L. Parmelee/
Date:	12/03/2013 PATENT

502589208 REEL: 031708 FRAME: 0706

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Total Attachments: 4
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PATENT REEL: 031708 FRAME: 0707 Practitioner's Docket No. BECKER-1060 US

PATENT

For: U.S. Rights and Foreign Rights

For: US Application, PCT Application

By: Inventor(s)

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(s): Gerald NITZL; Yong TANG; and Arno STRANIMAIER,

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE: REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG

Wienerbergstraße 11 A-1100 Vienna Austria

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

A NOZZLE FOR GUIDING A METAL MELT

and which is found in (37 C.F.R. § 3.21) International PCT patent application:

PCT/EP2012/062485 filed 27 June 2012,

U.S. App. No. 14/123,717

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent, any reissue, re-examination, supplemental examination, post-grant review, or inter parties review thereof.

* To comply with 37 C.F.R. Section 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request the attorneys of record to insert the application number and filing date above when they become known.

(Assignment of Invention—page 1 of 4)

PATENT REEL: 031708 FRAME: 0708 ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my signature this 5th day of November, 2013.

Gerald NITZL

Schlossgasse 30 A-2500 Baden, AT

Nationality: DE

(Assignment of Invention-page 2 of 4)

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my signature this 5th day of November, 2013.

Ferdinand-Hanusch-Straße 35

A-8700 Leoben AT Nationality: CN

(Assignment of Invention-page 3 of 4)

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my signature this 5th day of November, 2013.

Arno STRANIMAIER

vanimais (

Hochwassersiedlung 11 A-8784 Trieben AT

Nationality: AT

(Assignment of Invention—page 4 of 4)

PATENT REEL: 031708 FRAME: 0711

RECORDED: 12/03/2013