# 504993751 07/09/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERWAN GUEGUEN	06/25/2018
CHRISTOS G. ANEZIRIS	06/21/2018
CHRISTIANE BIERMANN	06/21/2018
ANTOINE DUCASTEL	06/25/2018

## **RECEIVING PARTY DATA**

Name:	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO.KG	
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City:	WIEN	
State/Country:	AUSTRIA	
Postal Code:	AT-1100	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16063044

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	31314
NAME OF SUBMITTER:	ANDREW WILFORD
SIGNATURE:	/Andrew Wilford/
DATE SIGNED:	07/09/2018

### **Total Attachments: 4**

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PATENT 504993751 REEL: 046291 FRAME: 0677

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PATENT REEL: 046291 FRAME: 0678 In Consideration of One Dollar (\$1.89) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

Erwan GUEGUEN, 21 Rue de Piraumont 1494, Villers La Ville, Belgium; Christos G. ANEZIRIS, Lessingstrasse 20c, Freiberg, Germany; Christiane BIERMANN, Bertold-Brecht-Strasse 12, Freiberg, Germany; and Antoine DUCASTEL, Alexanderstrasse 27, Essen, Germany

hereby sell, assign and transfer to

REFRACTORY Intellectual Property GmbH & Co. KG

a limited liability company of Austria having a place of business at

Wienerbergstrasse 11 1100 Wien Austria

its successors, assigns, and legal representatives, our entire right title and interest for the United States and all foreign countries, in and to the improvements disclosed in United States patent application 16/963,044 filed 15 June 2018 as the US-national stage of PCT application PCT/DE2016/100348 filed 29 July 2016 and that is entitled

REFRACTORY MOLDED BODY, COMPOUNDS, BINDERS, AND METHOD FOR and in and to the application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent that have been or shall be filed in the United States and all foreign countries on the improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on the improvements.

We agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to but at the expense of the Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all rightful Oaths, Assignments, Powers of Attorney, and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible that the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements in the Assignee, its successors, assigns, and legal representatives; and

We covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey same as herein expressed is possessed by the undersigned.

మ	Date: <u>45/06/401</u> 8	ERWAN COE CUEN
, also	Date:	Christos G. ANEZIRIS
ė.	Date:	Christiane BIERMANN
<b>£</b> 5	Date:	Antoine DUCASTEL

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a limited liability company of Austria having a place of business at

Wienerbergstrasse 11 1100 Wien

Austria

its successors, assigns, and legal representatives, our entire right title and interest for the United States and all foreign countries, in and to the Improvements disclosed in United States patent application 16/863,844 filed 15 June 2018 as the US-national stage of PCT application PCT/DE2016/100348 filed 29 July 2016 and that is entitled

REFRACTORY MOLDED BODY, COMPOUNDS, BINDERS, AND METHOD FOR and in and to the application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent that have been or shall be filed in the United States and all foreign countries on the improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on the improvements.

We agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to but at the expense of the Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all rightful Oaths, Assignments, Powers of Attorney, and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible that the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements in the Assignee, its successors, assigns, and legal representatives; and

We covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey same as herein expressed is possessed by the undersigned.

Ø.	Date:	Erwan GUÉGUEN	-
Zi2	Date: 24.06,48	Can Sha	٠
		Christos G. ANEŽIRIS	
ಜ	Date:	Christiane BIERMANN	_
ద	Ďate:	Antoine DUCASTEL	

In Consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

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REFRACTORY Intellectus: Property GmbH & Co. KG a limited liability company of Austria having a place of business at Wiscorbergstrasse 11

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its successings, assigns, and legal-representatives, our entire right title and interest for the United States and all foreign countries, in and it the improvements disclosed in United States patent application 16/863,044 fined 13 June 2018 as the US-national stage of PCT application PCT/DE2018/189248 filed 29 July 2018 and that is entitled

REFRACTORY MOLDED 300%, COMPOUNDS, BINDERS, AND METHOD FOR and it and to the applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent that have been in the "the filed in the United States and all foreign countries on the improvements; and it and to oil original and reissued patents that have been or shall be issued in the United States and all foreign countries on the improvements.

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		Erwan GVÉGUEN	
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	2	Christiano BIERMANN	
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1100 Wien

Austria

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Ž2	Date:	
		Erwan GUÊGUEN
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		Christos G. ANEZIRIS
ď5	Date:	
		Christians BIERMANN
డి	Date: <u>25 06 26 18</u>	
		Antoine DUCASTEL

PATENT

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