

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5136148

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN BRAM	08/29/2018
ROBERT VASSEN	08/29/2018
JESUS GONZALEZ	08/29/2018
DIANA MARCANO	08/30/2018
RECEIVING PARTY DATA	
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City:	JUELICH
State/Country:	GERMANY
Postal Code:	52425
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16084230
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	816593
NAME OF SUBMITTER:	ERIK R. SWANSON
SIGNATURE:	/Erik R. Swanson/
DATE SIGNED:	09/12/2018
Total Attachments: 6	
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PATENT

REEL: 046846 FRAME: 0448

ASSIGNMENT

I, Martin Bram, residing at Koelnstrasse 34; 52428 Juelich; GERMANY; and

I, Robert Vassen, residing at Englerthstrasse 10; 52134 Herzogenrath; GERMANY;
and

I, Jesus Gonzalez, residing at Kirberichshofer Weg 27; 52066 Aachen; GERMANY;
and

I, Diana Marciano, residing at #1101 9921-104st NW T5K 2K3; Edmonton, AB;
CANADA;

and each of us, if more than one person is identified above, have invented and have owned or
do own a whole or partial right, title and interest in a certain invention entitled:

**METHOD FOR PRODUCING METAL OR CERAMIC COMPONENTS AND
COMPONENTS**

for which invention International Application No. PCT/DE2017/000074 was filed on March
24, 2017, designating the U.S. and

WHEREAS,

Forschungszentrum Juelich GmbH

having an address at 52425 Juelich; GERMANY,

hereinafter referred to as Assignee, was and/or is desirous of acquiring the entire domestic and
foreign right, title, and interest in and under the invention described in the above patent
application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, I/we have or hereby do assign and transfer to the Assignee
and the Assignee's legal representatives, successors and assigns my/our full and exclusive
rights in and to the invention in the U.S. and every foreign country and my/our entire right,

title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

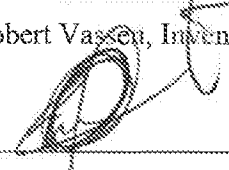
Date August 29, 2018

Martin Bram
Martin Bram, Inventor

Date August 29 2018


Robert Vassen, Inventor

Date August 29 2018


Jesus Gonzalez, Inventor

Date _____

Diana Marciano, Inventor

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, I/we have or hereby do assign and transfer to the Assignee
and the Assignee's legal representatives, successors and assigns my/our full and exclusive
rights in and to the invention in the U.S. and every foreign country and my/our entire right,

title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

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I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date _____

Martin Bram, Inventor

Date _____
Robert Vassen, Inventor

Date _____
Jesus Gonzalez, Inventor

Date 30.08.2018
Diana Marciano
Diana Marciano, Inventor