

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT5784197

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CASE WESTERN RESERVE UNIVERSITY	05/21/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	GERHARD WELSCH
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<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48083

**PROPERTY NUMBERS Total: 6**

Property Type	Number
Application Number:	14562125
Application Number:	14629302
Application Number:	14784167
Application Number:	61810408
Application Number:	61912086
Application Number:	61942757

**CORRESPONDENCE DATA**

**Fax Number:** (703)716-1180

*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.*

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**Correspondent Name:** GREENBLUM & BERNSTEIN, P.L.C.

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**PATENT**

<b>ATTORNEY DOCKET NUMBER:</b>	P58713
<b>NAME OF SUBMITTER:</b>	ROBERT W. MUELLER
<b>SIGNATURE:</b>	/Robert W. Mueller/
<b>DATE SIGNED:</b>	10/23/2019
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

## RELEASE OF INVENTION RIGHTS AGREEMENT

THIS AGREEMENT ("Agreement") is entered into this 17th day of April 2017, by and between Case Western Reserve University ("CWRU"), a corporation duly organized and existing under the laws of the State of Ohio, having a principal place of business at 10900 Euclid Avenue, Cleveland, Ohio 44106-7219 and Gerhard Welsch and DongMyoung Lee (collectively the "Inventors") whose addresses are given at the end of this Agreement.

WHEREAS, Inventors disclosed the following inventions:

<i>IDF No.</i>	<i>Title</i>	<i>IP No.</i>	<i>Date Disclosed</i>
2014-2638	Low-Melting Ti-Zr Based Braze Alloy	Prov. 61/810,408 PCT/US2014/033666	Jan. 21, 2014
2014-2639	Low-Melting Iron- Based Alloys for Braze-Joining	Prov. 61/912,086 Non-Prov. 14/562,125	Jan. 21, 2014
2014-2640	Low-Melting Nickel- Based Alloys for Braze-Joining	Prov. 61/942,757 Non-Prov. 14/629,302	Jan. 21, 2014

and

WHEREAS, in accordance with the CWRU Intellectual Property Policy ("IP Policy"), CWRU is the owner of all rights in the Invention,

WHEREAS, the Inventors have requested that the CWRU release to them all rights it has in the Invention; and

WHEREAS, CWRU has reviewed the circumstances pertaining to the creation, patentability and commercial potential of the Invention and has determined that a release of rights to the Inventors in accordance with the terms set forth below is in the CWRU's and the public's best interest;

NOW THEREFORE, CWRU and the Inventors hereby do mutually agree as follows:

1. Inventors represent and warrant that the Invention was made solely by Inventors in connection with Inventors' duties at CWRU using only CWRU funds and facilities and that no other individuals or entities have any rights in the Invention.
2. Subject to the rights reserved in Paragraph 3 and 4 below, CWRU hereby assigns, transfers and conveys to the Inventors CWRU's rights, title and interest in and to the Invention described in the attached Disclosure, and any and all patents and patent applications thereon, including any continuations, continuations-in-part, divisionals, reissues, and re-examinations thereof.
3. CWRU will retain an irrevocable, nonexclusive, nontransferable, royalty-free right to use the Invention, including to the right to practice under any patent or copyright rights conveying to the Invention, for research and education purposes only. CWRU is free to

share tangible materials, data, and knowledge pertaining to the Invention with others for research and educational use.

4. CWRU will deliver to the Assignee all lawful application documents, assignments, disclaimers and lawful affidavits to evidence the transfer of CWRU's rights, title and interest in and to the Invention to Inventors, provided such documents are prepared for signature by CWRU by, and at the sole expense of, the Inventors or their designee.
5. Inventors will not use CWRU facilities or funding obtained from or through CWRU to use or develop the Invention absent execution of a sponsored research agreement to do so. Any new inventions and discoveries developed at CWRU related to the Invention will be disclosed to CWRU and will be subject to the IP Policy.
6. All responsibility for development, patenting, licensing and protection of the Invention, including payment of expenses related thereto, shall be borne solely by the Inventors from the effective date of this Agreement.
7. As consideration for CWRU releasing its rights in the Invention, any revenues received in commercialization or as a result of the licensing of the Invention, including any financial or equity consideration, will first be applied to the reimbursement of CWRU's documented patent expenses, before any other use or distributions of such revenues are made. The amount of such documented patent expenses is currently approximately \$22,938.75. CWRU will keep Inventors informed of any change in this amount. Inventors will report annually on their commercialization efforts. Reports are due each January 31 for the previous calendar year.
8. Inventors' licensees, sublicensees, and assignees will defend, indemnify and hold harmless CWRU, its trustees, officers, employees and agents from all claims or demands made against them (and any related losses, expenses or costs) arising out of their use of or conduct regarding the Invention.
9. This Agreement creates no right of Inventors and/or their licensee(s) to use nor any title whatsoever in or to CWRU's technology, trade name or in or to any of CWRU's trademarks, except as provided under this agreement. Any reference by Inventors or their licensee(s) to CWRU may only be done with express written permission of CWRU's Associate Vice President of Technology Transfer.
10. CWRU MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, AS TO ANY MATTER INCLUDING, BUT NOT LIMITED TO, WARRANTY OF FITNESS FOR PARTICULAR PURPOSE, OR MERCHANTABILITY, TITLE, EXCLUSIVITY OR RESULTS OBTAINED FROM USE.
11. This Agreement shall be governed by and construed under the laws of the State of Ohio, without giving effect to principles of conflicts of laws. This Agreement and the IP Policy constitute and express the entire agreement and understanding between the parties hereto in reference to all the matters herein referred to. To the extent that there is any discrepancy between or among the provisions of this Agreement and the IP Policy, the terms of this Agreement shall control. All previous discussions, promises, representations, and understandings relative thereto, if any, between the parties are hereby merged herein. No

modification or claimed waiver of any of the provisions herein shall be valid unless in writing and signed by an authorized representative of each party. Should any term or part of this Agreement be or become fully or partially invalid, the legal validity of the remaining provisions shall not be affected thereby and the parties shall then agree on an appropriate provision which will, to the extent permissible by law, come nearest to the purpose and intent of the parties hereto.

IN WITNESS WHEREOF, this release and agreement has been duly executed by CWRU and the Inventors as of the date set forth below.

Executed in triplicate originals.


**FOR Inventors:**

*Accepted by Gerhard Welsch*

Gerhard Welsch  
(Signature)

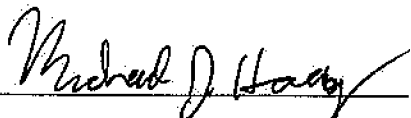
2514 Edgehill Rd., Cleveland Heights, OH 44106-2404  
(Address)

*Accepted by DongMyoung Lee*

  
(Signature)

759 Coachman Dr., Apt. 5, Troy, MI 48083  
(Address)

**FOR CWRU:**

By: 

Name: Michael J. Haag

Title: Executive Director Technology Management  
Technology Transfer Office

Date: Case Western Reserve University

5/2/17