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Please record the attached original document or copy thereof.

Name of Conveying Party(ies): (1) Karl A. Gschneidner, Jr.
(2) Fredrick A. Schmidt

Name and Address of Receiving Party(ies):

Iowa State University Research Foundation, Inc.
310 Lab of Mechanics
Ames, Iowa 50011-2131

03/11/2019



103680262

Nature of Conveyance:

☒ Assignment ☐ Security Agreement ☐ Merger ☐ License ☐ Other:

Execution Date of Document: (1) October 20, 2015
(2) October 20, 2015

If this document is being filed together with a new application, the execution date
of the application is: --

Patent Application Numbers:
15/330,895

Patent Numbers:

Total Number of Applications and Patents Involved: 1. A Credit Card Payment Form is
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Mail correspondence concerning
The documents to:

526 W. 14th Street-ste 311
Traverse City, Michigan 49684
Tel: (269) 330-0328
Fax: (231) 346-5900

To the best of my knowledge and belief, the foregoing information is true and
correct, and any attached copy is a true copy of the original document.

Respectfully submitted,

Edward J. Timmer
reg. No. 27402-Customer No. 47359

526 W. 14th Street-ste 311
Traverse City, MI 49684
Encl: Assignment (1)

Total number of pages, including cover
sheet, Assignment - 3

ASSIGNMENT

WHEREAS, we (1) Karl A. Gschneidner, Jr. and (2) Frederick A. Schmidt, hereinafter called "ASSIGNORS", residing at (1) 2216 Duff Ave., Ames, Iowa 50010, and (2) 211 20th Street, Ames, Iowa 50010 invented certain new and useful improvements in "Method For Producing La/Ce/MM/Y Base Alloys, Resulting Alloys, And Battery Electrodes" for which application Serial No. 13/694,846 for United States Letters Patent was filed on January 10, 2013; and

WHEREAS, Iowa State University Research Foundation, Inc., hereinafter called "ASSIGNEE", having a place of business at 310 Lab of Mechanics Ames, Iowa 50011-2131 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, we the ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, we agree that we will communicate to said ASSIGNEE or its representative any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths or declarations, and generally cooperate with said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

Oct. 21, 2015
Date

Signed: Karl A. Gschneidner, Jr.
Karl A. Gschneidner, Jr.

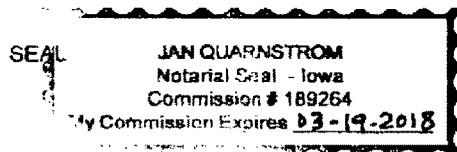
Oct 20, 2015
Date

Signed: Frederick A. Schmidt
Frederick A. Schmidt

Assignment -page 2
USSN 13/694,846

STATE OF Iowa)
)ss.
COUNTY OF Story)

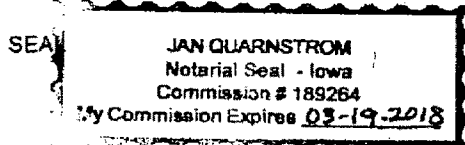
On this 20th day of October, 2015 personally appeared before me the above-named Karl A. Gschneidner, Jr. to me known and known to me to be the persons described in and who executed the foregoing instrument and acknowledged the same to be their free act and deed in and for the purposes set forth in said instrument.



Jan Quarnstrom
Notary Public
March 19, 2018
My Commission expires

STATE OF Iowa)
)ss.
COUNTY OF Story)

On this 20th day of October, 2015 personally appeared before me the above-named Frederick A. Schmidt to me known and known to me to be the persons described in and who executed the foregoing instrument and acknowledged the same to be their free act and deed in and for the purposes set forth in said instrument.



Jan Quarnstrom
Notary Public
March 19, 2018
My Commission expires

United States Patent and Trademark Office

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Notice of Fee DueApplication Number: 15/330895Date: 3/08/19

Fees are due for the application or document dated 3/07/19. The payment was not collectable for the reason indicated below.

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- ☐ Insufficient funds in deposit account at (time).
- ☒ Insufficient payment by credit card.
- ☐ Declined credit card (time).

Fee code(s) to be applied	<u>8021</u>	<u>\$50.00</u>
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