

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4312174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI KITAGAWA	02/01/2017
KOHEI KUSADA	01/31/2017
HIROKAZU KOBAYASHI	02/01/2017
KATSUTOSHI NAGAOKA	01/26/2017
KATSUTOSHI SATO	02/01/2017
SYO MATSUMURA	02/07/2017
TOMOKAZU YAMAMOTO	02/07/2017

RECEIVING PARTY DATA

Name:	KYOTO UNIVERSITY
Street Address:	36-1, YOSHIDA-HONMACHI, SAKYO-KU
City:	KYOTO-SHI, KYOTO
State/Country:	JAPAN
Postal Code:	606-8501
Name:	OITA UNIVERSITY
Street Address:	700, OAZA DANNOHARU
City:	OITA-SHI, OITA
State/Country:	JAPAN
Postal Code:	870-1192
Name:	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION
Street Address:	6-10-1, HAKOZAKI, HIGASHI-KU
City:	FUKUOKA-SHI, FUKUOKA
State/Country:	JAPAN
Postal Code:	812-8581

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15510095

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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.

Phone: (312) 616-5600
Email: mgreer@leydig.com
Correspondent Name: JOHN KILYK, JR.
Address Line 1: LEYDIG, VOIT & MAYER, LTD.
Address Line 2: TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	728122
NAME OF SUBMITTER:	JOHN KILYK, JR.
SIGNATURE:	/John Kilyk, Jr./
DATE SIGNED:	03/09/2017

Total Attachments: 12
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ASSIGNMENT

WHEREAS, I/WE

1) Hiroshi KITAGAWA, 2) Kohei KUSADA, and 3) Hirokazu KOBAYASHI of 1)-3) c/o Kyoto University, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 6068501, Japan;

4) Katsutoshi NAGAOKA and 5) Katsutoshi SATO of 4)-5) c/o Faculty of Engineering, OITA UNIVERSITY, 700, Oaza Dannoharu, Oita-shi, Oita 8701192, Japan;

6) Syo MATSUMURA and 7) Tomokazu YAMAMOTO of and 6)-7) c/o KYUSHU UNIVERSITY, National University Corporation, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 8128581, Japan,

hereinafter referred to as Assignor, have invented a certain invention entitled:

**ALLOY MICROPARTICLES AND METHOD FOR PRODUCING SAME, ALLOY
MICROPARTICLE CLUSTER, CATALYST, AND METHOD FOR PRODUCING
SAME**

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on March 9, 2017, under U.S. Application No. 15/510,095, and

WHEREAS, 1) Kyoto University of 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 6068501, Japan; 2) OITA UNIVERSITY of 700, Oaza Dannoharu, Oita-shi, Oita 8701192, Japan; and 3) KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION of 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 8128581, Japan, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor 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 pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date Feb. 1st, 2017

Hiroshi Kitagawa
Assignor: Hiroshi KITAGAWA

Date Feb. 1st, 2017

Hiroshi Arakawa
Witness: Hiroshi ARAKAWA

Date Feb. 1st, 2017

Hiroya Kobayashi
Witness: Hiroya KOBAYASHI

Date Jan 31, 2017

Kohei Kusada
Assignor: Kohei KUSADA

Date Jan 31, 2017

Hiroshi Arakawa
Witness: Hiroshi ARAKAWA

Date Jan 31, 2017

Hiroya Kobayashi
Witness: Hiroya KOBAYASHI

=====
Date Feb. 1, 2017

Hirokazu Kobayashi
Assignor: Hirokazu KOBAYASHI

Date Feb. 1, 2017

Hiroshi Arakawa
Witness: Hiroshi ARAKAWA

Date Feb. 1, 2017

Hiroya Kobayashi
Witness: Hiroya KOBAYASHI

=====
Date _____

Assignor: Katsutoshi NAGAOKA

Date _____

Witness: _____

Date _____

Witness: _____
=====

In re Appln. of Kyoto University et al.
Attorney Docket No. 728122

Date _____

Assignor: **Katsutoshi SATO**

Date _____

Witness: _____

Date _____

Witness: _____

=====

Date _____

Assignor: **Syo MATSUMURA**

Date _____

Witness: _____

Date _____

Witness: _____

=====

Date _____

Assignor: **Tomokazu YAMAMOTO**

Date _____

Witness: _____

Date _____

Witness: _____

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4) Katsutoshi NAGAOKA and 5) Katsutoshi SATO of 4)-5) c/o Faculty of Engineering, OITA UNIVERSITY, 700, Oaza Dannoharu, Oita-shi, Oita 8701192, Japan;

6) Syo MATSUMURA and 7) Tomokazu YAMAMOTO of and 6)-7) c/o KYUSHU UNIVERSITY, National University Corporation, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 8128581, Japan,

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IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date _____

Assignor: **Hiroshi KITAGAWA**

Date _____

Witness:

Date _____

Witness:

=====

In re Appln. of Kyoto University et al.
Attorney Docket No. 728122

Date _____

Assignor: **Kohei KUSADA**

Date _____

Witness: _____

Date _____

Witness: _____

=====

Date _____

Assignor: **Hirokazu KOBAYASHI**

Date _____

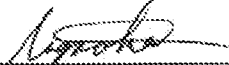
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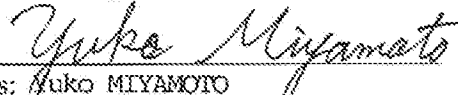
Date January 26, 2017


Assignor: **Katsutoshi NAGAOKA**

Date January 26, 2017


Witness: **Kenji Tamihata**

Date January 26, 2017


Witness: **Yuko MIYAMOTO**

=====

In re Appln. of Kyoto University et al.
Attorney Docket No. 728122

Date 2017/2/01

Katsutoshi Sata
Assignor: **Katsutoshi SATO**

Date February 1, 2017

Kenji Tomihata
Witness: **Kenji Tomihata**

Date February 1, 2017

Yuko Miyamoto
Witness: **Yuko MIYAMOTO**

=====

Date _____

Assignor: **Syo MATSUMURA**

Date _____

Witness: _____

Date _____

Witness: _____

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Date _____

Assignor: **Tomokazu YAMAMOTO**

Date _____

Witness: _____

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Assignee acknowledges and accepts this assignment.

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Date _____

Assignor: **Hiroshi KITAGAWA**

Date _____

Witness:

Date _____

Witness:

In re Appln. of Kyoto University et al.
Attorney Docket No. 728122

Date _____

Assignor: **Kohei KUSADA**

Date _____

Witness: _____

Date _____

Witness: _____

=====

Date _____

Assignor: **Hirokazu KOBAYASHI**

Date _____

Witness: _____

Date _____

Witness: _____

=====

Date _____

Assignor: **Katsutoshi NAGAOKA**

Date _____

Witness: _____

Date _____

Witness: _____

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In re Appln. of Kyoto University et al.
Attorney Docket No. 728122

Date _____

Assignor: Katsutoshi SATO

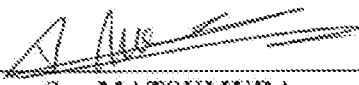
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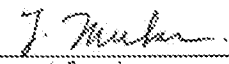
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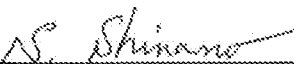
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Date Feb. 07, 2017


Assignor: Syo MATSUMURA

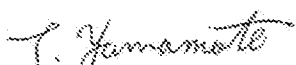
Date Feb. 07, 2017


Witness: Yasukazu MURAKAMI

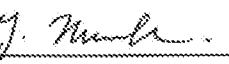
Date Feb. 07, 2017


Witness: Shunji Shinano

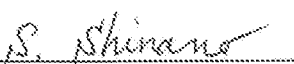
=====
Date Feb. 07, 2017


Assignor: Tomokazu YAMAMOTO

Date Feb. 07, 2017


Witness: Yasukazu MURAKAMI

Date Feb. 07, 2017


Witness: Shunji Shinano