PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3921603

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI WU	06/13/2016
YUNKUI LI	06/13/2016
JEFFERY LACHAPELLE	06/13/2016
DAVID SHEPARD	06/14/2016

RECEIVING PARTY DATA

Name:	PACIFIC INDUSTRIAL DEVELOPMENT CORPORATION
Street Address:	4788 RUNWAY BLVD.
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48108

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15184247

CORRESPONDENCE DATA

Fax Number: (734)994-6331

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: 734-302-6000

Email: kmakin@brinksgilson.com

BGL/ANN ARBOR Correspondent Name:

524 SOUTH MAIN STREET Address Line 1:

Address Line 2: SUITE 200

Address Line 4: ANN ARBOR, MICHIGAN 48104

ATTORNEY DOCKET NUMBER:	13595-029
NAME OF SUBMITTER:	KEITH D. WEISS
SIGNATURE:	/Dr. Keith D. Weiss/
DATE SIGNED:	06/16/2016

Total Attachments: 2

source=PTO 160616 Executed Assignment#page1.tif source=PTO_160616_Executed_Assignment#page2.tif

PATENT REEL: 038932 FRAME: 0296 503874954

ASSIGNMENT

WHEREAS, <u>Wei Wu</u>, <u>Yunkui Li</u>, <u>Jeffery Lachapelle</u> and <u>David Shepard</u>, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled <u>DOPED CATALYST SUPPORT MATERIALS HAVING OXYGEN STORAGE CAPACITY (OSC) AND METHOD OF MAKING THEREOF, executed by Assignors on the same date as, or on a date prior to, this Assignment;</u>

WHEREAS, <u>Pacific Industrial Development Corporation</u>, a corporation having a place of business at <u>4788 Runway Blvd.</u>, <u>Ann Arbor, Michigan, 48108</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	Final 3th, 2016 Wei Wu
DATED:	June 13th, 2016 Yunkui Li
DATED:	June 13, 2016 Allow Sales
DATED:	Jane 14, 2011 & A Men &

David Shepard