PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
TAKASHI YAMADA	02/14/2019	
SHINGO ISHIKAWA	02/21/2019	
YOSHINORI TAKAHASHI	02/13/2019	
KAZUHIRO SEKIYAMA	02/22/2019	

RECEIVING PARTY DATA

Name:	N.E. CHEMCAT CORPORATION
Street Address:	4-1, HAMAMATSU-CHO, 2-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-6124

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16328030

CORRESPONDENCE DATA

Fax Number: (571)395-8753

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: 7038273800

Email: patentmail@whda.com

Correspondent Name: WESTERMAN HATTORI DANIELS & ADRIAN LLP

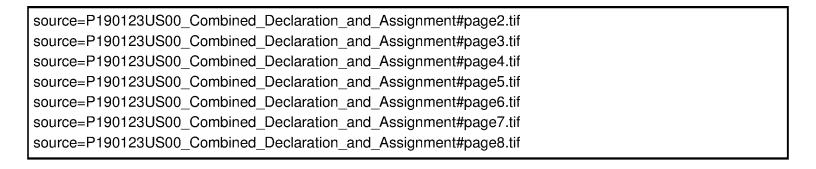
Address Line 1: 8500 LEESBURG PIKE, SUITE 7500

Address Line 4: TYSONS, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P190123US00
NAME OF SUBMITTER:	YOLIDIA A. PASOS
SIGNATURE:	/YOLIDIA A. PASOS/
DATE SIGNED:	02/25/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

source=P190123US00_Combined_Declaration_and_Assignment#page1.tif



DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Insert Title:	HONEYCOMB STRUCTURE, HONEYCOMB STRUCTURE TYPE CATALYST AND PRODUCTION METHODS THEREFOR
the application of w	nich is attached hereto unless the following is checked
was filed on International Applic	as United States Application Number and was filed on May 15, 2017 as PCI ation Number PCT/JP2017/018173 and was amended on (if applicable).
The above-identified	application was made or authorized to be made by me.
	te that any willful false statement made in this declaration is punishable under section 1001 of title 18 by t of not more than 5 years, or both.
	ASSIGNMENT
	VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the r(s) (hereinafter ASSIGNOR) by
Insert Assignee(s) Name/Address:	N.E. CHEMCAT CORPORATION 4-1, Hamamatsu-cho 2-chome, Minato-kn Tokyo 105-6124 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter parties review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter-partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such

procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter-partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Legal Name	Takashi Yarr	ada		Date:	(A)		3
of inventor ♥	***************************************			 ~~	\$./e	[kb~ 20]	1
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Inventor's	[abad		arms dec				
Signature 🖘	1(~~ \					

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Legal Name of inventor ⇒	Shingo ishikawa Date: 20/	2.2/
Inventor's Signature ≈	Shingo Ishikawa	

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Insert Title: HONEYCOMB STRUCTURE, HONEYCOMB STRUCTURE TYPE CATALYST AND PRODUCTION METHODS THEREFOR

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was filed on ______ as United States Application Number ______ and was filed on May 15, 2017 as PCT International Application Number PCT/JP2017/018173 and was amended on ______ (if applicable).

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of fitle 18 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

Insert Assignee(s)
Name/Address:

N.E. CHEMCAT CORPORATION

4-1, Hamamatsu-cho 2-chome, Minato-ku
Tokyo 105-6124 Japan

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Docket No.: P190123US00

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Legal Name	Yoshinori Takahashi		Date: 13	/ A 1
of inventor ⇔		*************************************		1 tob/229
inventor's	11 25 11 15			
Signature ⇔	A similarithe	***************************************	************************************	***************************************

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Legal Name of inventor ⇔	Kazuhiro Sekiyama	Date:	Feb.	22nd,	20/
Inventor's Signature ⇔	Kazukiro Lekizama				