

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7665794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUSUKE MATSUMOTO	11/14/2022
KOJI UCHIDA	11/14/2022
NAOYA KOJIMA	11/14/2022

RECEIVING PARTY DATA

Name:	JGC CATALYSTS & CHEMICALS LTD.
Street Address:	SOLID SQUARE EAST TOWER 16F
Internal Address:	580 HORIKAWA CHO SAIWAI KU
City:	KAWASAKI KANAGAWA
State/Country:	JAPAN
Postal Code:	2120013
Name:	JAPAN COOPERATION CENTER FOR PETROLEUM AND SUSTAINABLE ENERGY
Street Address:	58 FL., SUNSHINE 60 BUILDING
Internal Address:	3-1-1, HIGASHI IKEBUKURO, TOSHIMA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	170-6058

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18059524

CORRESPONDENCE DATA

Fax Number: (914)288-0023

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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PATENT

ATTORNEY DOCKET NUMBER:	00501/010954-US0
NAME OF SUBMITTER:	REBECCA WRIGHT
SIGNATURE:	/Rebecca Wright/
DATE SIGNED:	11/29/2022
Total Attachments: 5 source=03223661#page1.tif source=03223661#page2.tif source=03223661#page3.tif source=03223661#page4.tif source=03223661#page5.tif	

ASSIGNMENT

I, **Yusuke MATSUMOTO**, having a residence of Kanagawa, Japan;

I, **Koji UCHIDA**, having a residence of Kanagawa, Japan; and

I, **Naoya KOJIMA**, having a residence of Kanagawa, Japan;

(hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to the ASSIGNOR by

JGC Catalysts and Chemicals Ltd., a Corporation having a place of business at Solid Square East Tower 16F, 580 Horikawa Cho Saiwai Ku, Kawasaki Kanagawa, 2120013 JAPAN, and

Japan Cooperation Center for Petroleum and Sustainable Energy, a Corporation having a place of business at 58FL., Sunshine 60 Building, 3-1-1, Higashi Ikebukuro, Toshima-ku, Tokyo 170-6058 JAPAN;

(hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

HYDROCRACKING CATALYST FOR HYDROCARBON OIL INCLUDING TITANIA BINDER AND PHOSPHOROUS ACTIVE COMPONENT, METHOD FOR PRODUCING HYDROCRACKING CATALYST, AND METHOD FOR HYDROCRACKING HYDROCARBON OIL

invented by me and described in the above title and docket number in the United States of America; and all non-provisional applications claiming priority thereto and all divisions, renewals and continuations of any thereof and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this

assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Signature of Inventor: 松元 祐介 Nov. 14th, 2022
Yusuke MATSUMOTO Date

Signature of Inventor: 内田 浩司 Nov. 14th, 2022
Koji UCHIDA Date

Signature of Inventor: 小島 直也 Nov. 14th, 2022
Naoya KOJIMA Date

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of **JGC Catalysts and Chemicals Ltd.** I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

- I am an officer of the above-identified ASSIGNEE.
- I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Dated: Nov. 24th, 2022 By: Toshiharu Hirai
Name: Toshiharu Hirai
Title: President

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of **Japan Cooperation Center for Petroleum and Sustainable Energy**. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

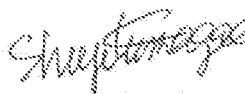
I am an officer of the above-identified ASSIGNEE.

I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Dated: Nov. 11, 2022

By:



Name: Shuji Kumagae
Title: General Manager,
Technical Cooperation Department