506238692 09/04/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAYU SUGIMOTO	08/03/2020
YUICHIRO SASAKI	08/03/2020
SOSUKE HIGUCHI	08/19/2020
NOBUHIRO KIMURA	08/17/2020

RECEIVING PARTY DATA

Name:	JSR CORPORATION
Street Address:	1-9-2, HIGASHI-SHINBASHI, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8640
Name:	ENEOS CORPORATION
Street Address:	1-2, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8162

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17013028

CORRESPONDENCE DATA

(703)413-2220 Fax Number:

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: (703) 413-3000 Email: kashwell@oblon.com **Correspondent Name:** OBLON, ET AL. 1940 DUKE STREET Address Line 1:

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 530875US NAME OF SUBMITTER: KIMBERLY ASHWELL

SIGNATURE:	/Kimberly Ashwell/
DATE SIGNED:	09/04/2020
Total Attachments: 4	
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source=530875USAssignment#page3.tif	
source=530875USAssignment#page4.tif	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	PRODUCTION PROCESS OF 1,3-BUTADIENE
As the below name	d inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number PCT/JP2019/008623 filed on March 5, 2019
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
, , ,	ISR CORPORATION ENEOS Corporation
Tokyo 105-8640 Ja desirous of jointly a	to as "ASSIGNEES") having places of business at: (1) 1-9-2, Higashi-Shinbashi, Minato-ku, apan; and (2) 1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8162 Japan, respectively are acquiring interests in the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEES, t and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignees of my en their successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, it assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said inv continuation, substi- all of said Letters I possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and reatent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	
Inventor: Mayu Sl	UGIMOTO Date: Aug. 3, 2020
Signature: M	ayu Sugimpto

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

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acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLAR for other good and valuable consideration, I, by the the full and exclusive right to the said invention in the countries (including the right to claim priority under the national Treaties and Arrangements from the aforesa may and all Letters Patent which may be granted the a any and all foreign countries and in and to any newals thereof.	se presents do sell, assign and transfer unto e United States and its territorial possessions he terms of the International Convention and id application) and the entire right, title and refor in the United States and its territorial
any and all foreign assignees of my en their successors and	ze and request the Patent Office Officials in the Unit countries to issue any and all of said Letters Patent attire right, title and interest in and to the same, for the dassigns, to the full end of the term for which said to would have been held by me had this Assignment are	when granted, to said ASSIGNEES as the e sole use and behoof of said ASSIGNEES, Letters Patent may be granted, as fully and
respecting said inv continuation, substi all of said Letters I possible to aid said	that I will communicate to said ASSIGNEES or the vention, and testify in any legal proceeding, sign tute, renewal and reissue applications, execute all ne Patent to be issued to said ASSIGNEES, make all refl ASSIGNEES, their successors and assigns, to obtained States and its territorial possessions and in any and	all lawful papers, execute all divisional, cessary assignment papers to cause any and rightful oaths, and, generally do everything tain and enforce proper protection for said
	ledge that any willful false statement made in this dec ment of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	A = 2 > > > A
Inventor: Yuichire	o SASAKI	Date: Aug-3, 2020
Signature:	richino Sasaki	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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is directed to: United States application or PCT international application number PCT/JP2019/008623 filed on March 5, 2019	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, (1) JSR CORPORATION (2) ENEOS Corporation	
(hereinafter referred to as "ASSIGNEES") having places of business at: (1) 1-9-2, Higashi-Shinbashi, Minato-ku, Tokyo 105-8640 Japan; and (2) 1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8162 Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR	
Inventor: Sosuke HIGUCHI Date: August 19, 2020	
6 /	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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is directed to: United States application or PCT international application number PCT/JP2019/008623 filed on March 5, 2019
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I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Nobuhiro KIMURA Date: Aug. 17, 2020
Signature: No buhito Kimura

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 053698 FRAME: 0596

RECORDED: 09/04/2020