506803894 08/05/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6850713

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYA	NVEYANCE: ASSIGNMENT		
CONVEYING PARTY [ΔΤΑ		
		Name	Execution Date
NORITOSHI YAGIHAS	HI		07/07/2021
TOSHIHITO MIYAMA			07/09/2021
SHINSUKE WATANAB	E		07/23/2021
HARUKA NISHIYAMA			07/07/2021
Street Address: City: State/Country: Postal Code:	OSAK JAPAN 530-85	1	
	S Total: 1		
Property Type	!	Number	
Application Number:		16645938	
CORRESPONDENCE	DATA		
Fax Number:		(202)721-8250	

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:	2027218200	
Email:	wlp@wenderoth.com	
Correspondent Name:	WENDEROTH, LIND & PONACK, L.L.P.	
Address Line 1:	1025 CONNECTICUT AVENUE NW	

Address Line 2:	SUITE 500
Address Line 4:	WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2020-0527A	
NAME OF SUBMITTER:	JAMES J. MOORE	
SIGNATURE:	/James J. Moore/	
DATE SIGNED:	08/05/2021	

Total Attachments: 6

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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION		
Title of Invention	CATALYST, DEVICE FOR MANUFACTURING CONJUGATED DIENE, AND METHOD FOR MANUFACTURING CONJUGATED DIENE	
Accholowen	DECLARATION med inventor, 1 hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application Number <u>PCT/JP2018/036146</u> filed on <u>September 27, 2018</u> .	
The above-ide	ntified application was made or authorized to be made by me.	
f believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
	weedge that any willful false statement made in this declaration is punishable under 18 U.S.C. r imprisonment of not more than five (5) years, or both.	
Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."		
	ASSIGNMENT	
In consideration and assign to	on of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell	
SEKISUI CH (Name of A	EMICAL CO., LTD. ssignee)	
of <u>4-4, Nishil</u> (Address o	emma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 Japan f Assignee)	
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.		
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.		
	cute all papers and documents and perform any act which may be necessary in connection with isions of the International Convention for Protection of Industrial Property or similar agreements.	
I agree to peri the Assignce.	form all affirmative acts which may be necessary to obtain a grant of a valid United States patent to	

PATENT REEL: 057094 FRAME: 0980

the application or any continuation, divisional or reissue application entire interest, and covenant that I have not executed, and will not	
First Inventor (Legal Name): <u>Noritoshi YAGIHASHI</u> Signature: <u>Noři Loski Yag', hashj</u>	A.
Second Inventor (Legal Name): Toshihito MIYAMA	
Signature;	Date:
Third Inventor (Legal Name): <u>Shinsuke WATANABE</u>	
Signature:	Date:
Fourth Inventor (Legal Name): H <u>aruka NISHIYAMA</u> Signature: <u>/ 1414 (gan NiAh (yana</u>	Date: <u>7/7/2021</u>
Fifth Inventor (Legal Name):	
Signature:	Date:
Sixth Inventor (Legal Name):	
Signature:	Date:
Seventh Inventor (Legal Name):	
Signature:	Date:
Eighth Inventor (Legal Name):	
Signature:	Date:

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION		
Title of Invention	CATALYST, DEVICE FOR MANUFACTURING CONJUGATED DIENE, AND METHOD FOR MANUFACTURING CONJUGATED DIENE	
As a below na	DECLARATION med inventor, Thereby declare that:	
This declaration is directed to:	The attached application, or	
	 United States application or PCT international application Number <u>PCT/JP2018/036146</u> filed on <u>September 27, 2018</u>. 	
The above-ide	ntified 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,	
	wledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. r imprisonment of not more than five (5) years, or both.	
unless that per	or: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application son has reviewed and understands the contents of the application, including the claims, and is ity to disclose to the Office all information known to the person to be material to patentability as 56."	
÷	ASSIGNMENT	
In consideratic and assign to	n of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell	
<u>SEKISUI CH</u> (Name of A	EMICAL CO., LTD. ssignee)	
of <u>4-4, Nishit</u> (Address of	emma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 Japan Assignee)	
2.	signated as the Assignee) my entire right, title and interest for the United States as defined in 35 my invention set forth in the above-identified application.	
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
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I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.		

PATENT REEL: 057094 FRAME: 0982

First Inventor (Legal Name): Noritoshi YAGHASHI Signature: Date: Second Inventor (Legal Name): Toshihito MIYAMA Date: Signature: Fourth Inventor (Legal Name): Shinsuke WATANABE Signature: Date: Pourth Inventor (Legal Name): Haruka NISHIYAMA Signature: Date: Pitth Inventor (Legal Name): Haruka NISHIYAMA Signature: Date: Signature: Date:	I hereby authorize and request the USPTO to issue any and all Lett the application or any continuation, divisional or reissue application entire interest, and covenant that I have not executed, and will not e	ns thereof to the Assignee, as Assignee of my
Signature:		
Second Inventor (Legal Name): Toshihito MIYAMA Date: 9/1/2021 Signature: Joshihito Miyama Date: 9/1/2021 Third Inventor (Legal Name): Shinsuke WATANABE Signature: Date:	First Inventor (Legal Name): Noritoshi YAGIHASHI	
Signature: Joshihita Third Inventor (Legal Name): Signature: Date: Pourth Inventor (Legal Name): Haruka NISHIYAMA Signature: Date: Pifth Inventor (Legal Name): Signature: Date:	Signature:	Date:
Signature: Date: Fourth Inventor (Legal Name): Haruka NISHIYAMA Signature: Date: Pifth Inventor (Legal Name): Signature: Date: Signature: Date: Signature: Date:	Second Inventor (Legal Name): <u>Toshihito MIYAMA</u> Signature: <u>Foshihita Miyama</u>	
Fourth Inventor (Legal Name): Haruka NISHIYAMA Signature: Date: Fifth Inventor (Legal Name): Signature: Date:	Third Inventor (Legal Name): Shinsuke WATANABE	
Signature: Date: Fifth Inventor (Legal Name): Signature: Date:	Signature:	Date:
Fifth Inventor (Legal Name): Signature: Date: Sixth Inventor (Legal Name): Signature: Date: Seventh Inventor (Legal Name): Signature: Date: Pighth Inventor (Legal Name): Eighth Inventor (Legal Name):	Fourth Inventor (Legal Name): Haruka NISHIYAMA	
Signature: Date: Sixth Inventor (Legal Name): Signature: Date: Date: Eighth Inventor (Legal Name):	Signature:	Date:
Sixth Inventor (Legal Name): Signature:	Fifth Inventor (Legal Name):	
Signature:	Signature:	Date:
Seventh Inventor (Legal Name): Signature: Date: Eighth Inventor (Legal Name):	Sixth Inventor (Legal Name):	
Signature: Date: Eighth Inventor (Legal Name):	Signature:	Date:
Eighth Inventor (Legal Name):	Seventh Inventor (Legal Name):	
Eighth Inventor (Legal Name):	Signature:	
Signature: Date:	Eighth Inventor (Legal Name):	
	Signature:	Date:

r

PATENT REEL: 057094 FRAME: 0983

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION		
Title of Invention	CATALYST, DEVICE FOR MANUFACTURING CONJUGATED DIENE, AND METHOD FOR MANUFACTURING CONJUGATED DIENE	
As a below na	DECLARATION med inventor, I hereby declare that:	
This declaration is directed to:	m The attached application, or	
	W United States application or PCT international application Number <u>PCT/JP2018/036146</u> filed on <u>September 27, 2018</u> .	
The above-ide	ntified application was made or authorized to be made by me.	
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In consideration and assign to	n of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell	
SEKISUI CH (Name of A	EMICAL CO., LTD. ssignee)	
of <u>4-4. Nishit</u> (Address of	emma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 Japan Assignee)	
	signated as the Assignee) my entire right, title and interest for the United States as defined in 35 my invention set forth in the above-identified application.	
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
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I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.		

I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.		
First Inventor (Legal Name): <u>Noritoshi YAGIHASHI</u> Signature:	Date:	
Second Inventor (Legal Name): Toshihito MIYAMA		
Signature:	Date:	
Third Inventor (Legal Name): <u>Shinsuke WATANABE</u> Signature: <u> </u>	Date:	
Fourth Inventor (Legal Name): H <u>aruka NISHIYAMA</u> Signature:	Date:	
Fifth Inventor (Legal Name):		
Signature:	Date:	
Sixth Inventor (Legal Name):		
Signature:	Date:	
Seventh Inventor (Legal Name):		
Signature:	Date:	
Eighth Inventor (Legal Name):		
Signature:	Date:	