506141961 07/07/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6188692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATALIA TRUKHAN	09/07/2015
ULRICH MULLER	09/07/2015
MICHAEL BREEN	07/16/2015
BARBARA SLAWSKI	09/24/2015
QI FU	07/14/2015
JAYA L. MOHANAN	07/20/2015
MARTIN W. KRAUS	06/30/2015
AHMAD MOINI	07/01/2015
XIAOFAN YANG	06/29/2015
JOHN K. HOCHMUTH	06/30/2015

RECEIVING PARTY DATA

Name:	BASF CORPORATION
Street Address:	100 PARK AVENUE
City:	FLORHAM PARK
State/Country:	NEW JERSEY
Postal Code:	07932

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15683905	

CORRESPONDENCE DATA

Fax Number: (703)918-2262

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: 703-790-7916

Email: Kathy.Oliver@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER: B248 2350US.CPC1 (0736.8)

PATENT REEL: 053141 FRAME: 0882

506141961

NAME OF CURNITTER.	COOTE D. DDEINING DILD
NAME OF SUBMITTER:	SCOTT R. BREINING, PH.D.
SIGNATURE:	/scott r breining/
DATE SIGNED:	07/07/2020
Total Attachments: 10	
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Title of Invention MOLECULAR SIEVE CATALYST COMPOSITIONS, CATALYST COMPOSITES, SYSTEMS, AND METHODS
As the below named inventor, I hereby declare that:
This declaration () The attached application, or is directed to: (X) United States application or PCT international application number 14/741,754 filed on June 17, 2015.
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.
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. 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."
I hereby assign to
BASF Corporation
(Name of Assignee)
of 100 Park Avenue, Florham Park, NJ 07932 (address of 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 non-provisionals, continuations, divisionals 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 hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any non-provisionals, continuations, divisionals 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.
Inventor (Legal Name): <u>Natalia Trukhan</u> Signature: <u>プログラスストーー</u> Date: <u>ヴィク</u> ア, このに

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT MOLECULAR SIEVE CATALYST COMPOSITIONS, CATALYST Title of Invention COMPOSITES, SYSTEMS, AND METHODS As the below named inventor, I hereby declare that: This declaration () The attached application, or is directed to: (X) United States application or PCT international application number 14/741.754 filed on June 17, 2015. 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. 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. 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." I hereby assign to **BASF Corporation** (Name of Assignee) of 100 Park Avenue, Florham Park, NJ 07932 (address of 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 non-provisionals, continuations, divisionals 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. 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 non-provisionals, continuations, divisionals 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. Inventor (Legal Name) Ulrich Müller Date: <u>70.69</u> 2045 Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of Invention | MOLECULAR SIEVE CATALYST COMPOSITIONS, CATALYST COMPOSITES, SYSTEMS, AND METHODS As the below named inventor, I hereby declare that: This declaration () The attached application, or is directed to: (X) United States application or PCT international application number 14/741,754 filed on June 17, 2015. 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. 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. 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." I hereby assign to **BASF Corporation** (Name of Assignee) of 100 Park Avenue, Florham Park, NJ 07932 (address of 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 non-provisionals, continuations, divisionals 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. 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 non-provisionals, continuations, divisionals 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. Inventor (Legal Name): Michael Breen Signature: Muhael Breen Date: 1/16/2015

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

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I hereby assign to

BASF Corporation

(Name of Assignee)

of 100 Park Avenue, Florham Park, NJ 07932

(address of 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.

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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.

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Inventor (Legal Name): Bar	bara Slawski 🕠				
Signature: Barbara	Stawsky	Date:	9/29	1/2015	

Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of Invention | MOLECULAR SIEVE CATALYST COMPOSITIONS, CATALYST COMPOSITES, SYSTEMS, AND METHODS As the below named inventor, I hereby declare that: This declaration () The attached application, or is directed to: (X) United States application or PCT international application number 14/741,754 filed on June 17, 2015. 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. 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. 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." I hereby assign to BASF Corporation (Name of Assignee) of 100 Park Avenue, Florham Park, NJ 07932 (address of 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 non-provisionals, continuations, divisionals 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. 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 non-provisionals, continuations, divisionals 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. Inventor (Legal Name): Qi Fu

Date: 7/14/15PATENT

REEL: 053141 FRAME: 0888

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT MOLECULAR SIEVE CATALYST COMPOSITIONS, CATALYST Title of Invention COMPOSITES, SYSTEMS, AND METHODS As the below named inventor, I hereby declare that: This declaration () The attached application, or is directed to: (X) United States application or PCT international application number 14/741,754 filed on June 17, 2015. 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. 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. 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." I hereby assign to BASF Corporation (Name of Assignee) of 100 Park Avenue, Florham Park, NJ 07932 (address of 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 non-provisionals, continuations, divisionals 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. 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 non-provisionals, continuations, divisionals 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. Inventor (Legal Name): Jaya L. Mohanan Signature: () uyamotan Date: July 20, 2015

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Inventor (Legal Name): Martin W. Kraus	2 / m . / m
Signature Continue Day	n. 4/30/ 60/5
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention

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Inventor (Legal Name): Ahmad Moini			-	
Inventor (Legal Name): Ahmad Moini Signature: Date:	July	1	2015	

PATENT

REEL: 053141 FRAME: 0891

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Inventor (La	egal Nam	e):,Jo	ohn K. Hochmuth	<i>}</i>		
Signature:	John	K^{-}	hn K. Hochmyth Mochmy III	Date:	30 June	7015
	1000		p.177		33 3.7.7	

REEL: 053141 FRAME: 0893

PATENT

RECORDED: 07/07/2020