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onic Vorsion v1.1

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SUBMISSION TYPE: NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name			Execution Date
JOHAN ADRIAAN MART	ENS				02/21/2018
SREEPRASANTH PULI	THANA	ATHU SREE			02/20/2018
STEF JULES PETER KE	RKHOF	-S			03/20/2018
ELKE JANE JUNE VERH	IEYEN				02/20/2018
RANK-WALTER SCHU	ETZE				02/21/2018
RECEIVING PARTY DA	ТА				
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Postal Code:	63457	63457			
PROPERTY NUMBERS	Total: 1	 I			
Property Type		Number			
pplication Number:		15765873			
	e sent to	(202)540-8020 o the e-mail address first; if that d: if that is upsuccessful, it will			
using a fax number, if provided; if the 20248		2024868020	ve sem	via 03 i	nan.
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TTORNEY DOCKET NU	IMBER:	342012.041US1			
AME OF SUBMITTER:		SUZANNAH K. SUNDBY	SUZANNAH K. SUNDBY		
SIGNATURE:		/Suzannah K. Sundby/	/Suzannah K. Sundby/		
DATE SIGNED:		04/04/2018			
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Total Attachments: 4

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ASSIGNMENT

This assignment agreement is applicable to the invention entitled:

ONE-POT SYNTHESIS OF COPPER CONTAINING SMALL-PORE ZEOLITES

and which is found in:

U.S. Application No. $\frac{15/765,873}{100}$, which is a national phase entry of International Application No. PCT/EP2016/073853, filed October 6, 2016

The PATENT PROPERTY assigned under this agreement is:

The entire right, title, and interest for the United States and its territorial possessions in and to the invention identified above, any and all improvements thereof, the right to claim priority including the right to claim priority to any earlier patent applications for said invention, and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. 111(a), or substitute thereof, and any reissue, reexamination, or extension of said Letters Patent, and the right to sue and recover for any past infringement, the right to file and/or prosecute any applications for said invention as Applicant, and the right to have said Letters Patent issue with the Assignee(s) as named Applicant.

The following ASSIGNEE(S) is/are the recipient of the PATENT PROPERTY:

Umicore AG & Co. KG Rodenbacher Chaussee 4 Hanau-Wolfgang 63457 GERMANY

which is a Corporation/Entity of Germany.

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE(S), and other good and valuable consideration, receipt of which is acknowledged, hereby sells, assigns, and transfers to the ASSIGNEE(S), its successors, assigns, and legal representatives, the PATENT PROPERTY.

As to all U.S. Patent Property assigned under this agreement, the ASSIGNOR(S) hereby authorize and request the Director of the U.S. Patent & Trademark Office to issue said Letters Patent and any reissue or extension thereof to the ASSIGNEE(S).

The ASSIGNOR(S) hereby agree that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Further, the ASSIGNOR(S) hereby agree to communicate to said ASSIGNEE(S), its successors, assigns, and legal representatives, any facts known to the ASSIGNOR(S) respecting said invention, promptly provide upon request all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(s), testify in any interference, derivation, post grant review, inter partes review, litigation, or legal proceeding relating to the PATENT PROPERTY, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination, and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), its successors, assigns, and legal representatives, to obtain and enforce proper protection for said invention.

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PATENT REEL: 045436 FRAME: 0206

The ASSIGNOR(S) authorize any attorneys and agents of record and/or who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

The ASSIGNOR(S) referred to in this agreement are as follows:

Signature	63
Name:	Johan Adriaan Martens
Cionatura	Fall
Signature: Name:	Sreeprasanth Pulinthanathu Sree

Signature:__

Name: Stef Jules Peter Kerkhofs

Signature:	Elke Verheven
Name:	Elke Jane June Verheyen

Date:_____

Date: 20 - 02 - 2018

Date: 21 - 02 - 2018

Date: 10 - 02 - 2010

Signature:

Name: Frank-Walter Schuetze

Date:_____

Page 2 of 2

PATENT REEL: 045436 FRAME: 0207

The ASSIGNOR(S) authorize any attorneys and agents of record and/or who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

The ASSIGNOR(S) referred to in this agreement are as follows:

Signature:	Date:		
Name: Johan Adriaan Martens			
Signature:	Date:		
Name: Sreeprasanth Pulinthanathu Sree			
Signature:	Date:		
Name: Stef Jules Peter Kerkhofs			
Signature:	Date:		
Name: Elke Jane June Verheyen			
Signature: F-O	Date: 27.02.78		
Name: Frank-Walter Schuetze			

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PATENT REEL: 045436 FRAME: 0208

The ASSIGNOR(S) authorize any attorneys and agents of record and/or who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

The ASSIGNOR(S) referred to in this agreement are as follows:

Signatur	e:	Date:
Name:	Johan Adriaan Martens	Dut
Signature	e:	Date:
Name:	Sreeprasanth Pulinthanathu Sree	
Signature	e:	Date: 20/03/26/8
	2:	Date:
Name:	Elke Jane June Verheyen	
Signature	3	Date:
Name:	Frank-Walter Schuetze	1

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PATENT REEL: 045436 FRAME: 0209

RECORDED: 04/04/2018