

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANOJ M. KORANNE	05/20/2011
ERLING RYTTER	05/20/2011
SIGRID ERI	05/20/2011
OYVIND BORG	05/20/2011
RECEIVING PARTY DATA	
Name:	W. R. GRACE & CO.-CONN.
Street Address:	7500 GRACE DRIVE
City:	COLUMBIA
State/Country:	MARYLAND
Postal Code:	21044
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	61371905
PCT Number:	US2011044421
Application Number:	13816054
CORRESPONDENCE DATA	
Fax Number:	(410)531-4369
<i>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.</i>	
Phone:	410-531-4531
Email:	columbia.patents@grace.com
Correspondent Name:	CHARLES A. CROSS
Address Line 1:	7500 GRACE DRIVE
Address Line 2:	W. R. GRACE & CO.#CONN.
Address Line 4:	COLUMBIA, MARYLAND 21044
ATTORNEY DOCKET NUMBER:	W9859-01
NAME OF SUBMITTER:	CHARLES A. CROSS
SIGNATURE:	/Charles A. Cross/
DATE SIGNED:	03/12/2015

Total Attachments: 3

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**PROVISIONAL APPLICATION ASSIGNMENT
TO
W. R. GRACE & CO.-CONN.**

Inventor or Inventors:		
Manoj M. Koranne	Oyvind Borg	
Erling Rytter		
Sigrid Eri		

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as **UNDERSIGNED**, hereby agree(s) as follows:

(1) **UNDERSIGNED** hereby assign(s) to **W. R. Grace & Co.-Conn.**, a corporation organized and existing under the laws of the of the State of Connecticut, its successors and assigns, herein referred to collectively as **ASSIGNEE**, the entire right, title and interest, for the United States and all foreign countries in and to **UNDERSIGNED**'s:

- (a) inventions described in the patent application entitled, **ATTRITION RESISTANT SUPPORTS FOR FISCHER-TROPSCH CATALYST AND PROCESS FOR MAKING THE SAME**; said application being further identified as U.S. Provisional Application No. 61/371905, filed in the United States Patent and Trademark Office on August 9, 2010 and having Docket No. W9859-01;
- (b) inventions claimed in any non-provisional:
 - (i) application, such as design, or regular utility patent application, continuing application (e.g., in whole or in-part), divisional application, reissue or re-examined patent application, or any patent application for substitution, importation, improvement, or addition, utility model, or inventors certificates; and/or
 - (ii) patent issuing from any of the above applications of 1(b)(i), and/or any other type of patent issued in countries anywhere in the world;

wherein said application and/or patent of 1(b)(i) or (ii)

- (A) directly claims priority to the Provisional Application of (a); or
 - (B) indirectly claims priority to the Provisional Application of 1(a) (e.g., any application or patent claiming priority to one or more applications or patents, that directly or indirectly claim priority to the Provisional Application of 1(a));
- (c) inventions constituting improvements or modifications to any inventions described in the Provisional Application of (a) and/or the non-provisional patent application(s) or patents of 1(b); the inventions of 1(a) (b) and (c)

being collectively and individually referred to hereinafter as INVENTION(S);

- (d) applications (and patents based thereon) filed under the Patent Cooperation Treaty (PCT), and/or treaties, conventions or compacts of other regions (including e.g., European Patent, Eurasian Patent, ARIPO Patent and OAPI Patent) covering said INVENTION(S); and
- (e) rights of priority created by said application(s) or patents under provisions of international conventions or treaties.

(2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for, and documents relating to, obtaining patents and the prosecution thereof for said INVENTION(S) and any continuations, re-examinations or re-issues of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office, and any foreign patent office that ASSIGNEE may deem necessary or expedient.

(3) UNDERSIGNED agree(s) that in the event of any application based on said assigned INVENTION(S) or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

(4) UNDERSIGNED agree(s) to perform, upon ASSIGNEE's request, any and all affirmative acts to obtain United States and foreign patents covering said INVENTION(S) and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if these assignments had not been made.

(5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument, the filing date and Provisional Application number thereof when known.

ASSIGNMENT

Attorney Docket No. W9858-01

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date May 20th 2011 Inventor Manoj Koranne (LS) Witness Kasuri Bay
Manoj M. Koranne

Date May 20, 2011 Inventor Erling Rytter (LS) Witness Margrette Jensen
Erling Rytter

Date May 20th, 2011 Inventor Sigrid Eri (LS) Witness Margrette Jensen
Sigrid Eri

Date MAY 20, 2011 Inventor Oyvind Borg (LS) Witness Margrette Jensen
Oyvind Borg

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____