502717309 03/12/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VLADIMIR FRIDMAN	04/02/2013
SUNIL S. PANDITRAO	04/01/2013

RECEIVING PARTY DATA

Name:	CLARIANT CORPORATION		
Street Address:	1600 WEST HILL STREET		
Internal Address:	IP DEPARTMENT		
City:	LOUISVILLE		
State/Country:	KENTUCKY		
Postal Code:	40210		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14205554

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 502 634 7200

Email:dan.beaty@clariant.comCorrespondent Name:CLARIANT CORPORATIONAddress Line 1:1600 WEST HILL STREET

Address Line 2: IP DEPARTMENT

Address Line 4: LOUISVILLE, KENTUCKY 40210

ATTORNEY DOCKET NUMBER: 201400057

NAME OF SUBMITTER: DONNA FERRILL

SIGNATURE: //Donna Ferrill/
DATE SIGNED: 03/12/2014

Total Attachments: 2

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PATENT 502717309 REEL: 032412 FRAME: 0333

ASSIGNMENT OF INVENTION
AND OF LETTERS PATENT

Whereas, we, the Inventor Vladimir Fridman, whose post office address is 418 Glensford Drive,

Louisville, KY 40245, and Sunil S. Panditrao, whose post office address is 123 Winding Hill Drive , Hackettstow NJ 07840

have invented certain improvements in an METHOD OF SHUTTING DOWN A REACTOR

("Invention"), and have executed a utility application for United States Letters Patent of the same title filed

herewith ("Application"); and

Whereas, Assignee, Clariant Corporation, a New York corporation who has a post office of

1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our

entire right, title and interest in said Application and Invention, and any United States and foreign patents to be

obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby

acknowledged, we hereby sell, assign and transfer unto said Assignee, the entire right, title and interest in said

Application and the Invention disclosed therein for the United States of America and all countries foreign

thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire

right, title, and interest in and to any and all patent applications, patents, continuations, continuations-in-part,

divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any

foreign country. We also agree that Assignee, may apply for foreign Letters Patent on the Invention, and we

agree to cooperate with Assignee, and to execute without additional consideration any additional documents as

deemed necessary by Assignee, to apply for or maintain patents or other legal protection for the Invention in

any country of the world.

We hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any

Letters Patent granted upon the invention set forth in this Application to said Assignee.

Valamir Fridman

Executed this 2 day of April ..., 2013

STATE OF KENTUCKY

)SS

PATENT REEL: 032412 FRAME: 0334

COUNTY OF JEFFERSO	N)	
Before n	ne personally appeared Vladim day of <u>April</u> , 201	nir Fridman, and acknowledged the foregoing ins 13	strument to be his
(Seal)	Start Public Start Public Start Large Kentracky In Expires Jan 31, 2016	31 36/6 Notary Public Sunil S. Panditrao	
	I this / day of April	, 2013	
STATE OF NEW JO COUNTY OF ESSE	PESEV X) SS:)	
Before n free act and deed this		i. Panditrao, and acknowledged the foregoing ins	strument to be his
		24/2013	
		Catherine M. Leveto Notary Public	