

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOMANATH KUKADE	05/15/2019
PRAMOD KUMAR	05/15/2019
VENKATA CHALAPATHI RAO PEDDY	05/15/2019
SRIGANESH GANDHAM	05/15/2019
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Property Type	Number
Application Number:	16346291
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NAME OF SUBMITTER:	JOSEPH A. RHOA
SIGNATURE:	/Joseph A. Rhoa/
DATE SIGNED:	06/26/2019
Total Attachments: 2	
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ASSIGNMENT OF PATENT APPLICATION

(Inventors) Somanath KUKADE
 Pramod KUMAR
 Venkata Chalapathi Rao PEDDY
 Srikanesh GANDHAM

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) HINDUSTAN PETROLEUM CORPORATION LTD.
 (Address) of Hindustan Petroleum Corporation Ltd, Petroleum House, 17 Jamshedji Tata Road, Churchgate Mumbai, 400020, India

(Other Countries) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as

(Title) A FLUID CATALYTIC CRACKING (FCC) PROCESS AND APPARATUS FOR PRODUCTION OF LIGHT OLEFINS (Case No. JAR-6414-7)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in

U.S. Appl. No. 16/346,291, filed on April 30, 2019

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

[SIGNATURES BEGIN ON NEXT PAGE]

Date Signature of inventor

Somanath KUKACE

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Date Signature of inventor

Pramod KUMAR

Pramod KUMAR

Date Signature of inventor

Venkata Chalapathi Rao PEDDY

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Date Signature of inventor

Sriganesh GANDHAM

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