

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sukumar Mandal	06/06/2011
Asit Kumar Das	06/06/2011
Ashwani Yadav	06/06/2011
Manoj Yadav	06/06/2011
Akhilesh Bhatnagar	06/06/2011
Rajeshwar Dongara	06/06/2011
Veera Venkata Satya Bhaskara Sita Rama Murthy Katravulapalli	06/06/2011

RECEIVING PARTY DATA

Name:	Reliance Industries Limited
Street Address:	Refinery Division, Maker Chambers IV
Internal Address:	Nariman Point
City:	Mumbai, Maharashtra
State/Country:	INDIA
Postal Code:	400021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13133759

CORRESPONDENCE DATA

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PATENT
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OP \$40.00 13133759

ATTORNEY DOCKET NUMBER:	1020-018.101
NAME OF SUBMITTER:	Tejinder Singh
Total Attachments: 3 source=1020-018-101--AssgnAsFiled#page1.tif source=1020-018-101--AssgnAsFiled#page2.tif source=1020-018-101--AssgnAsFiled#page3.tif	

ASSIGNMENT

For valuable consideration, We, Sukumar Mandal, Asit Kumar Das, Ashwani Yadav, Manoj Yadav and Akhilesh Bhatnagar, all of Reliance Industries Limited, Refinery Division, Motikhavdi, P O Digvijaygram, District Jamnagar 361149, Gujarat, India and Rajeshwar Dongara and Veera Venkata Satya Bhaskara Sita Rama Murthy Katravulapalli, both of Reliance Technology Group, Reliance Industries Limited, Vadodara 391 346, Gujarat, India, all Indian Nationals, all of Maharashtra, India (hereinafter referred to as "Assignors") hereby assign to Reliance Industries Limited, Refinery Division, Maker Chambers IV, Nariman Point, Mumbai - 400 021, Maharashtra, India, an Indian Company and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed on even date entitled **A fluid catalytic cracking (FCC) process for manufacturing propylene and ethylene in increased yield** and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to me, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignor hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

Name: Sukumar Mandal

Signature: Sukumar Mandal

Date: 6 June 2011

Name: Asit Kumar Das

Signature: Asit Kumar Das

Date: 6 June 2011

Name: Ashwani Yadav

Signature: Ashwani Yadav

Date: 6 June 2011

Name: Manoj Yadav

Signature: Manoj Yadav

Date: 6 June 2011

Name: Akhilesh Bhatnagar

Signature: Akhilesh Bhatnagar

Date: 6 June 2011

Name: Rajeshwar Dongara

Signature: Rajeshwar

Date: 6 June 2011

Name: Veera Venkata Satya Bhaskara Sita Rama Murthy Katravulapalli

Signature: Kumruty

Date: 6 June 2011