

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lalit Chordia</td> <td>05/06/2013</td> </tr> <tr> <td>Jose L. Martinez</td> <td>05/07/2013</td> </tr> <tr> <td>Bhishmakumar Desai</td> <td>05/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lalit Chordia	05/06/2013	Jose L. Martinez	05/07/2013	Bhishmakumar Desai	05/06/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Thar Process, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>150 Gamma Drive</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15238</td> </tr> </table>		Name:	Thar Process, Inc.	Street Address:	150 Gamma Drive	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15238
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12787089</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12787089						
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CORRESPONDENCE DATA											
Fax Number: 4124562864 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: pjb@muslaw.com Correspondent Name: Peter J. Borghetti Address Line 1: 535 Smithfield Street Address Line 2: Suite 1300 Address Line 4: Pittsburgh, PENNSYLVANIA 15222											
ATTORNEY DOCKET NUMBER:	275826.114_CIP										
NAME OF SUBMITTER:	Peter J. Borghetti										
Signature:	/Peter J. Borghetti/										
Date:	05/07/2013										

CH \$40.00 12787089

Total Attachments: 5

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PATENT

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ASSIGNMENT

WHEREAS, Lalit Chordia of Pittsburgh, Pennsylvania, U.S.A., Jose L. Martinez of Gibsonia, Pennsylvania, U.S.A., Andrew Kegler of Ripon, Wisconsin, U.S.A., and Bhishmakumar Desai of Pittsburgh, Pennsylvania, U.S.A. (herein collectively referred to as "ASSIGNORS"), are the owners of all right, title, and interest, for all countries, in and to any and all inventions and improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the following United States Patent Application (said inventions, improvements, and patents collectively referred to herein as "PATENT PROPERTY"):

CONTINUOUS PROCESSING AND SOLIDS HANDLING IN NEAR-CRITICAL AND SUPERCRITICAL FLUIDS

for which a continuation application for United States Patent was filed on May 25, 2010, assigned application serial number 12/787,089 and which claims priority to non-provisional application serial number 11/103,673, filed April 12, 2005 which claims priority to provisional application serial no. 60/561,305, filed on April 12, 2004 and claims benefit of PCT international application no. PCT/US2005/012260 filed on April 12, 2005 (herein collectively referred to as the "PATENT PROPERTY").

AND WHEREAS Thar Process, Inc., a Pennsylvania Corporation, having an office at 150 Gamma Drive, Pittsburgh, Pennsylvania 15238, U.S.A., (herein referred to as "ASSIGNEE") is desirous of acquiring ASSIGNORS' entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS hereby assign, sell, transfer, and set over unto said ASSIGNEE, effective immediately, their entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefrom in the United States and all foreign countries and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country in the Union, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

And for the consideration aforesaid, ASSIGNORS agree that they will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNORS respecting said inventions and improvements, and will, upon request, but at ASSIGNEE'S expense, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

Dated: 5/6/13

Lalit Chordia
Lalit Chordia

Dated: 5/7/13

Jose L. Martinez
Jose L. Martinez

Dated: _____

Andrew Kegler

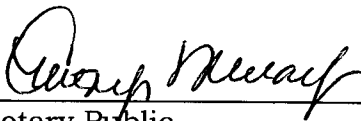
Dated: 5/6/13

Bhishmakumar Desai
Bhishmakumar Desai

Commonwealth of Pennsylvania :
:
County of Allegheny :

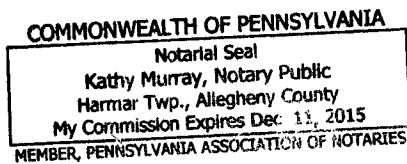
Before me, a Notary Public in and for the said County and State, personally appeared Lalit Chordia, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 6th day of May, 2013.



Notary Public

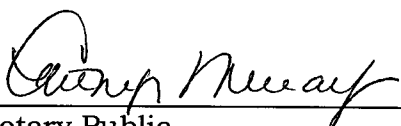
(NOTARY SEAL)



Commonwealth of Pennsylvania :
:
County of Allegheny :

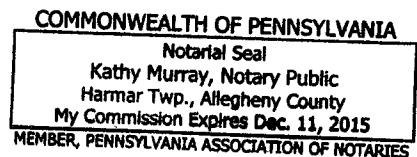
Before me, a Notary Public in and for the said County and State, personally appeared Jose L. Martinez, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 7th day of May, 2013.



Notary Public

(NOTARY SEAL)



Commonwealth of Pennsylvania :
:
County of Allegheny :

Before me, a Notary Public in and for the said County and State, personally appeared Bhishmakumar Desai, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 6th day of May, 2013.

Kathy Murray
Notary Public

(NOTARY SEAL)

