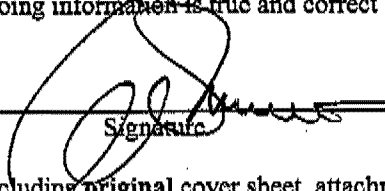


U.S. Department of Commerce
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RECORDATION FORM COVER SHEET

Our Ref.: LCM-608-690

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
<p>1. Name of conveying party(ies):</p> <p>1. Evert Jan DITZEL 5</p> <p>2. Sander GAEMERS 6</p> <p>3. John Glenn SUNLEY 7</p> <p>4. 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input checked="" type="checkbox"/> Other Corrective assignment to correct the zip code of the assignee to "SW1Y 4PD". Previously recorded at Reel 026457, Frame 0622.</p> <p>Execution Date: June 2, 2011, June 7, 2011 and June 6, 2011, respectively</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: BP p.l.c. Street Address: 1 St. James's Square City: London State/Country: United Kingdom Zip: SW1Y 4PD</p> <p>2) Name Street Address: City: State/Country: Zip:</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) 12/998,639 (2) (3)</p> <p>B. Patent No(s). (1) (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Leonard C. Mitchard</p> <p>Internal Address:</p> <p>Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
DO NOT USE THIS SPACE	
<p>9. Statements and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>Leonard C. Mitchard Name of Person Signing Reg. No. 29,009</p> <p> Signature</p> <p>June 28, 2011 Date</p> <p>Total number of pages including original cover sheet, attachments, and document: [5]</p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT
REEL: 026528 FRAME: 0035

1826025

CH \$40.00 141140 12998639

Q:NIXON & VANDERHYE COMPANY:901 NORTH GLEBE ROAD, 11TH FLOOR

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.106/17/2011
501567396

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>Evert Jan Ditzel</td><td>06/02/2011</td></tr><tr><td>Sander Gaemers</td><td>06/07/2011</td></tr><tr><td>John Glenn Sunley</td><td>06/06/2011</td></tr></tbody></table>		Name	Execution Date	Evert Jan Ditzel	06/02/2011	Sander Gaemers	06/07/2011	John Glenn Sunley	06/06/2011		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>BP p.l.c.</td></tr><tr><td>Street Address:</td><td>1 St. James's Square</td></tr><tr><td>City:</td><td>London</td></tr><tr><td>State/Country:</td><td>UNITED KINGDOM</td></tr><tr><td>Postal Code:</td><td>SW1Y 4PB</td></tr></table>		Name:	BP p.l.c.	Street Address:	1 St. James's Square	City:	London	State/Country:	UNITED KINGDOM	Postal Code:	SW1Y 4PB
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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>12998639</td></tr></tbody></table>		Property Type	Number	Application Number:	12998639						
Property Type	Number										
Application Number:	12998639										
CORRESPONDENCE DATA											
Fax Number: (703)816-4100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	LCM-608-690										
NAME OF SUBMITTER:	Leonard C. Mitchard										
Total Attachments: 1 source=608-690Assignment#page1.tif											

OPI \$40.00 12998639

608-690

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Evert Jan DITZEL
Sander GAEMERS
John Glenn SUNLEY

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) BP p.l.c.
(Address) of 1 St. James's Square, London, United Kingdom SW1Y 4PD
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) In the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as
(Title) HYDROGENATION OF ETHANOIC ACID TO PRODUCE ETHANOL (Case No. 608-690) 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. appin. Serial No. _____ filed on May 12, 2011.
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).

Date 2nd June 2011 Signature of inventor

Date 7th June 2011 Signature of inventor

Date 6th June 2011 Signature of inventor


Evert Jan DITZEL

Sander GAEMERS

John Glenn SUNLEY