

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANTHONY ATKINSON	04/14/2011
ROGER CRIPPS	04/15/2011
KIRSTIN ELEY	04/08/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TMO RENEWABLES LIMITED
<b>Street Address:</b>	40 ALAN TURING ROAD, THE SURREY RESEARCH PARK
<b>City:</b>	GUILDFORD, SURREY
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	GU2 7YF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13127927
<b>CORRESPONDENCE DATA</b>	
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<b>Total Attachments: 2</b> source=exec-Asgn#page1.tif source=exec-Asgn#page2.tif	

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**PATENT**

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JWJ01689

# Assignment

USA

Name(s) of Inventors

1) ATKINSON, Anthony    2) CRIPPS, Roger    3) ELEY, Kirstin

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

Name of Assignee                      TMO Renewables Limited

Address of Assignee                      40 Alan Turing Road, The Surrey Research Park,  
Guildford, Surrey, GU2 7YF, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Title    SPORULATION-DEFICIENT THERMOPHILIC MICROORGANISMS FOR THE PRODUCTION OF ETHANOL

for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing

of Application on


Alternative Identification    U.S. Application Serial Number    13/127,927  
for filed applications filed                      May 5, 2011


- 1)        The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.
- 2)        The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3)        The undersigned agree(s) to execute all papers and documents and 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.
- 4)        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.
- 5)        The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents 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/she has (they have) full right to convey the entire interest herein assigned, and that he has/she has (they have) not executed, and will not execute, any agreements in conflict herewith.
- 6)        The undersigned hereby grant(s) to the attorney(s) identified in the Declaration/Power of Attorney for this patent application, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

**PATENT**

**REEL: 026350 FRAME: 0090**

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

Date 14/4/11 Signature of Inventor (1) 

Date 15/04/11 Signature of Inventor (2) 

Date 8/4/11 Signature of Inventor (3) K. I. Eley

Date 16/4/11 Witness Elaine White

Date 15/4/11 Witness Elaine Conte

Date 8/4/11 Witness Elaine White