

**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 70%;">Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Stephen Brown</td><td>06/23/2011</td></tr><tr><td>Sheryl Luttringer</td><td>07/13/2011</td></tr><tr><td>Debbie Yaver</td><td>07/14/2011</td></tr><tr><td>Alan Berry</td><td>07/14/2011</td></tr></tbody></table>		Name	Execution Date	Stephen Brown	06/23/2011	Sheryl Luttringer	07/13/2011	Debbie Yaver	07/14/2011	Alan Berry	07/14/2011
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Stephen Brown	06/23/2011										
Sheryl Luttringer	07/13/2011										
Debbie Yaver	07/14/2011										
Alan Berry	07/14/2011										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Novozymes, Inc.										
<b>Street Address:</b>	1445 Drew Avenue										
<b>City:</b>	Davis										
<b>State/Country:</b>	CALIFORNIA										
<b>Postal Code:</b>	95618										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Property Type</th><th>Number</th></tr></thead><tbody><tr><td><b>Application Number:</b></td><td>12870523</td></tr></tbody></table>		Property Type	Number	<b>Application Number:</b>	12870523						
Property Type	Number										
<b>Application Number:</b>	12870523										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(530)758-0317										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	530-757-8100										
<b>Email:</b>	Patents-US-CA@novozymes.com										
<b>Correspondent Name:</b>	Novozymes, Inc.										
<b>Address Line 1:</b>	1445 Drew Avenue										
<b>Address Line 2:</b>	Eric Fechter										
<b>Address Line 4:</b>	Davis, CALIFORNIA 95618										
<b>ATTORNEY DOCKET NUMBER:</b>	11650-US-NP										
<b>NAME OF SUBMITTER:</b>	Eric J. Fechter										
<b>Total Attachments: 1</b> source=19 Assign 05-AUG-2011#page1.tif											

CH \$40.00 12870523

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS:

Stephen Brown, residing at Davis, CA, USA;  
Sheryl Luttringer, residing at Loomis, CA, USA;  
Debbie Yaver, residing at Davis, CA, USA;  
Alan Berry, residing at Granite Bay, CA, USA;

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

**Methods for improving malic acid production in filamentous fungi**

for which an application for a United States Patent was filed on **August 27, 2010**, application number **12/870,523**.

WHEREAS:

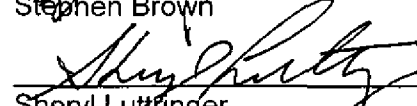
Novozymes, Inc. of 1445 Drew Avenue, Davis, California 95618, U.S.A. (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt of which is acknowledged, and other good and valuable consideration, ASSIGNORS do sell, assign and transfer to ASSIGNEE the full and exclusive right to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all patents or similar legal protection which may granted therefor in the United States and in all foreign countries from said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country. We hereby authorize and request the Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as aforesaid, to issue said United States and foreign patents to ASSIGNEE, of the entire right, title and interest in and to same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

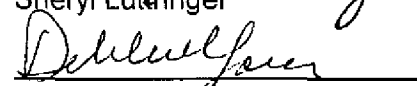
Date: 6-23-11

  
Stephen Brown


Date: 7-13-11

  
Sheryl Luttringer

Date: 7-14-11

  
Debbie Yaver

Date: 7/14/11

  
Alan Berry