#### 04/10/2012 501883105

## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Liv REINECKE	03/07/2012
Steffen SCHAFFER	02/17/2012
Tim KOEHLER	02/23/2012
Anja THIESSENHUSEN	02/16/2012
Achim MARX	02/17/2012
Markus BUCHHAUPT	02/24/2012

### **RECEIVING PARTY DATA**

Name:	EVONIK ROEHM GMBH
Street Address:	Kirschenallee
City:	Darmstadt
State/Country:	GERMANY
Postal Code:	64293

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13500041

### **CORRESPONDENCE DATA**

(703)413-2220 Fax Number: Phone: (703) 413-3000 Email: asomaiel@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	396484US99PCT
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REEL: 028019 FRAME: 0662

**PATENT** 

NAME OF SUBMITTER:	Adel Samuel
Total Attachments: 12 source=396484USAssignment#page1.tif source=396484USAssignment#page2.tif source=396484USAssignment#page3.tif source=396484USAssignment#page4.tif source=396484USAssignment#page5.tif source=396484USAssignment#page6.tif source=396484USAssignment#page7.tif source=396484USAssignment#page8.tif	
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PATENT REEL: 028019 FRAME: 0663

# **Assignment of Application**

ORS:	Di	r.Steffen Schaffer, Antoniu	sstrasse 19, 456	699 Herten, Germany,			
	Dı	Dr. Tim Köhler, Am Anwer 14, 46284 Dorsten, Germany,					
	Aı	nja Thiessenhusen, Rudolf-	von-Langen-St	raße 49, 48147 Münster, German	у,		
	Di	r.Achim Marx, Im Börner	9, 63571 Geln	hausen, Germany,			
	Σ	Dr. Markus Buchhaupt, An c	er Rosenhelle ?	2c, 61138 Niederdorfelden, Germ	any,		
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					, respectively		
	have invented certain	new and useful improveme	ents in: <u>USE O</u>	F A PROTEIN HOMOLOGOUS	TO A MEAB		
	PROTEIN FOR INCI	REASING THE ENZYMA	TIC ACTIVIT	Y OF A 3-HYDROXYCARBOX	YLIC ACID-COA		
M	MUTASE						
	(Application No.	13/500,041	, filed	April 3, 2012	), and		
	WHEREAS, FV	ONIK RÖHM GMBH					

NSERT NAME IND ADDRESS OF IOMPANY OR ITHER ASSIGNEE

(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Kirschenallee</u>, 64293 <u>Darmstadt</u>, <u>Germany</u>, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	0703.2012	Y.	v Runech	
		(Signature of Inventor)	Liv Reinecke	
Date: _		-		
		(Signature of Inventor)	Dr. Steffen Schaffer	
Date:				
_		(Signature of Inventor)	Dr. Tim Köhler	
Date: _				
		(Signature of Inventor)	Anja Thiessenhusen	
Date:				
		(Signature of Inventor)	Dr. Achim Marx	
Date:				
		(Signature of Inventor)	Dr. Markus Buchhaupt	
Date: _				
		(Signature of Inventor)		
Date:				
		(Signature of Inventor)		
Date:				
		(Signature of Inventor)		
Date: _				
_		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

PATENT REEL: 028019 FRAME: 0665

## **Assignment of Application**

	Dr.Steffen Schaffer, Antoni	usstrasse 19, 45	699 Herten, Germany,	
:	Dr. Tim Köhler, Am Anwer	14, 46284 Dors	ten, Germany,	
	Anja Thiessenhusen, Rudol	f-von-Langen-S	traße 49, 48147 Münster, Germany	,
	Dr.Achim Marx, Im Börner	19, 63571 Geln	hausen, Germany,	
	Dr.Markus Buchhaupt, An	der Rosenhelle	2c, 61138 Niederdorfelden, Germa	my,
-				
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			<u> </u>	
				, respectively
have invented	certain new and useful improven	nents in: <u>USE</u> C	OF A PROTEIN HOMOLOGOUS	TO A MEAB
	-		Y OF A 3-HYDROXYCARBOXY	
MUTASE				
(Application N	o. 13/500,041	, filed	April 3, 2012	), and
WHEREAS.	EVONIK RÖHM GMRH			

EVONIK RÖHM GMBH

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Date:			
Date:	February 14, 2012	(Signature of Inventor)	Liv Reinecke
	4	(Signature of Inventor)	Dr. Steffen Schaffer
Date: _			
		(Signature of Inventor)	Dr. Tim Köhler
Date: _			
		(Signature of Inventor)	Anja Thiessenhusen
Date: _		(Signature of Inventor)	D. Adia Man
		(Signature of inventor)	Dr. Achim Marx
Date: _		(Signature of Inventor)	Dr. Markus Buchhaupt
D .		,	Di. Markus Bucillaupt
Date: _		(Signature of Inventor)	
Date:			
_		(Signature of Inventor)	
Date: _			
		(Signature of Inventor)	
Date: _		(Signature of Inventor)	
		(Signature of inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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# **Assignment of Application**

	Dr. Steffen Schaffer, An	ntoniusstrasse 19, 45	699 Herten, C	Germany,	
	Dr. Tim Köhler, Am Ar	wer 14, 46284 Dors	sten, Germany	,	
	Anja Thiessenhusen, R	udolf-von-Langen-S	straße 49, 481	47 Münster, German	ny,
	Dr.Achim Marx, Im Bö	orner 19, 63571 Geli	nhausen, Gern	nany,	
	Dr.Markus Buchhaupt	, An der Rosenhelle	2c, 61138 Ni	ederdorfelden, Gern	nany,
		2 2012			
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MUTASE	/				· · · · · · · · · · · · · · · · · · ·
(Application No.	13/500,041	, filed	April 3,	2012	), and

NSERT NAME IND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS,

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Date:				
		(Signature of Inventor)	Liv Reinecke	
Date:				
	_	(Signature of Inventor)	Dr. Steffen Schaffer	
Date:	23.2.2012		1-Ler	
		(Signature of Inventor)	Dr. Tim Köhler	
Date:				_
		(Signature of Inventor)	Anja Thiessenhusen	
Date:		(0)		
		(Signature of Inventor)	Dr. Achim Marx	
<b>~</b> .				
Date:		(Signature of Inventor)	Dr. Marlaya Dyshhoynt	
		(Mgmana or myonor)	Dr. Markus Buchhaupt	
Date:				
		(Signature of Inventor)		
Date:		(0)		
		(Signature of Inventor)		
Date:	77 W 20 20 20 20 20 20 20 20 20 20 20 20 20			
		(Signature of Inventor)		_
Date:				
		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

## **Assignment of Application**

	Dr. Steffen Schaffer, Antoniusstrasse 19, 45699 Herten, Germany,				
	Dr. Tim Köhler, Am Anwer 14, 46284 Dorsten, Germany,				
	Anja Thiessenhusen, Rudolf-v	on-Langen-Straße 49, 48147 Münster, Germa	ny,		
	Dr. Achim Marx, Im Börner 19	, 63571 Gelnhausen, Germany,			
	Dr.Markus Buchhaupt, An de	r Rosenhelle 2c, 61138 Niederdorfelden, Gern	many,		
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			, respectively,		
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Date:		
	(Signature of Inventor)	Liv Reinecke
Date:		
	(Signature of Inventor)	Dr. Steffen Schaffer
Date:		
	(Signature of Inventor)	Dr. Tim Köhler
Date: 16.02 - 2012	AR	
	(Signature of Inventor)	Anja Thiessenhusen
Date:		,
	(Signature of Inventor)	Dr. Achim Marx
Date:		
Date:	(Signature of Inventor)	Dr. Markus Buchhaupt
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

## **Assignment of Application**

	Dr.Steffen Schaffer, Antoniusstrasse 19, 45699 Herten, Germany, Dr.Tim Köhler, Am Anwer 14, 46284 Dorsten, Germany,					
	Dr.Achim Marx, Im Börner 19, 6.	3571 Gelr	hausen, Ger	rmany,		
	Dr.Markus Buchhaupt, An der R	osenhelle	2c, 61138 N	Niederdorfelden, Germany,		
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Date:		
	(Signature of Inventor)	Liv Reinecke
Date:		
	(Signature of Inventor)	Dr. Steffen Schaffer
Date:		
	(Signature of Inventor)	Dr. Tim Köhler
Date:		
	(Signature of Inventor)	Anja Thiessenhusen
Date: 17, February 2012	H.	( KANY
	(Signature of Inventor)	pr. Achim Marx
Date: Date:		
The same of the sa	(Signature of Inventor)	Dr. Markus Buchhaupt
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

\_\_ , respectively,

), and

#### 2009P00208 WOUS

# **Assignment of Application**

VSERT NAMES	WHEREAS, I (WE) Liv Reinecke, Heidehang 9, 45134 Essen, Germany,				
.ND RESIDENCE .DDRESS OF	Dr.Steffen Schaffer, Antoniusstrasse 19, 45699 Herten, Germany,				
HE INVENTORS:	Dr. Tim Köhler, Am Anwer 14, 46284 Dorsten, Germany,				
	Anja Thiessenhusen, Rudolf-von-Langen-Straße 49, 48147 Münster, Germany, Dr.Achim Marx, Im Börner 19, 63571 Gelnhausen, Germany,				
	Dr. Markus Buchhaupt, An der Rosenhelle 2c, 61138 Niederdorfelden, Germany,				
	, respective				
NSERT TITLE OF NVENTION:	have invented certain new and useful improvements in: USE OF A PROTEIN HOMOLOGOUS TO A MEAB				
	PROTEIN FOR INCREASING THE ENZYMATIC ACTIVITY OF A 3-HYDROXYCARBOXYLIC ACID-COA				
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	(Application No. 13/500,041 , filed April 3, 2012 ), a				

EVONIK RÖHM GMBH

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Date:			
_		(Signature of Inventor)	Liv Reinecke
Date:	, time .		
_		(Signature of Inventor)	Dr. Steffen Schaffer
Date:			
_		(Signature of Inventor)	Dr. Tim Köhler
Date:	Philipping and the second and the se		
		(Signature of Inventor)	Anja Thiessenhusen
Date:			
		(Signature of Inventor)	Dr. Achim Marx
Date:	24.2.12		M. Suchapt
		(Signature of Inventor)	Dr. Markus Buchhaupt
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date:			
-		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

PATENT REEL: 028019 FRAME: 0675