PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2954950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ECKHARD BOLES	04/30/2014
BEATE ROTHER	05/25/2014

RECEIVING PARTY DATA

Name:	BUTALCO GMBH
Street Address:	METTLENSTRASSE 14
City:	FUERIGEN
State/Country:	SWITZERLAND
Postal Code:	6363

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14231061

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3523758100

Email: DRS@SLEPATENTS.COM
Correspondent Name: DAVID R. SALIWANCHIK

Address Line 1: PO BOX 142950

Address Line 4: GAINESVILLE, FLORIDA 32614

ATTORNEY DOCKET NUMBER:	BB.251D1
NAME OF SUBMITTER:	DAVID R. SALIWANCHIK
SIGNATURE:	/DAVID R. SALIWANCHIK/
DATE SIGNED:	07/25/2014

Total Attachments: 3

source=Ex.Assign#page1.tif source=Ex.Assign#page2.tif source=Ex.Assign#page3.tif

PATENT 502908353 REEL: 033395 FRAME: 0366

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, respectively, have invented certain new and useful improvements in Vector With Codon-Optimised Genes for an Arabinose Metabolic Pathway for Arabinose Conversion in Yeast for Ethanol Production, for which an application for United States Letters Patent was

 \square signed by us as dated below.

 \boxtimes filed March 31, 2014, as Serial No. <u>14/231,061</u>.

WHEREAS, **Butalco GmbH**, having an office Mettlenstrasse 14, 6363 Fuerigen, Switzerland, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said **Butalco GmbH**, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries 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, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to **Butalco GmbH**, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said **Butalco GmbH**, its successors and assigns.

FURTHER, We agree that we will communicate to said **Butalco GmbH**, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **Butalco GmbH**; make all rightful oaths; and generally do everything possible to aid the said **Butalco GmbH**, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

Page 1 of 3 pages

Docket No. BB.251D1

IN TESTIMONY WHEREOF, I have hereunto set my hand this30 th day of
Signed Eckhard Boles Address: Liebig strausse. 65 64293 Darmstadt GERMANY O4 (30/201)
STATEMENT BY WITNESS
I, <u>Charlotte Hicol</u> , whose full post office
address is Karlsbader Str. 3 65451 Kelsterbach
(address of witness)
hereby declare that I was personally present and did see the above-named person, personally known to me to be the person named in the assignment, duly sign and execute the same.
Date: 04./30/2014

Page 2 of 3 pages

J:\BB\251D1\DOCUMENTS\ASSIGNMENT.DOC/DNB/rst

Docket No. BB.251D1

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2014.
Signed Beate Rother Address: Hubeweg 6 37574 Einbeck GERMANY
STATEMENT BY WITNESS
I, Michael Rother , whose full post office
address is Waldstrasse 66, 04105 Le'pziù
address is Walk 1841955e 66, 04100 ce perg
(address of witness)
hereby declare that I was personally present and did see the above-named person, personally known to me to be the person named in the assignment, duly sign and execute the same.
Date: 26.05,2014
(signature of witness)

J:\BB\251D1\DOCUMENTS\ASSIGNMENT.DOC/DNB/rst

Page 3 of 3 pages

BPS

PATENT REEL: 033395 FRAME: 0369