

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3851330

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SYLKE HAREMZA	09/10/2009
OLIVER KOCH	09/10/2009
TILO HABICHER	09/10/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BASF SE
<b>Street Address:</b>	CARL-BOSCH-STRASSE 38
<b>City:</b>	LUDWIGSHAFEN AM RHEIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	67056
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15141467
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	858 431 8588
<b>Email:</b>	VER-IP@BASF.COM
<b>Correspondent Name:</b>	BASF ENZYMES LLC
<b>Address Line 1:</b>	3550 JOHN HOPKINS COURT
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	D2040-02ND3 - INVS-BASFSE
<b>NAME OF SUBMITTER:</b>	RICK DE LA TORRE
<b>SIGNATURE:</b>	/Rick de la Torre/
<b>DATE SIGNED:</b>	04/28/2016
<b>Total Attachments: 7</b>	
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This Assignment effective the 31st day of August, 2007

**ASSIGNMENT**

This Assignment by:

**Sylke HAREMZA**, of Ringstr. 13, 69151 Neckargemuend, Germany;

**Oliver KOCH**, of In den Backhauswiesen 18, 67157 Wachenheim, Germany;

and

**Tilo HABICHER**, of Hafenstrasse 4a, 67346, Speyer, Germany;

(hereinafter referred to as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful inventions and/or improvements (hereinafter referred to as the "Inventions") set forth in and the subject of

a United States Patent Application, naming the Assignors listed above as inventors, entitled

**LACCASES FOR BIO-BLEACHING**

filed as Application Number **12/439,459** on **February 27, 2009**,

identified by attorney docket number **D2040-02N**;

an International Patent Application under the Patent Cooperation Treaty (PCT), which includes a designation of the United States of America, naming the Assignors listed above as inventors, entitled

**LACCASES FOR BIO-BLEACHING**

filed in a competent PCT receiving office as International Application Number **PCT/US2007/019124** on **August 31, 2007**, and later published as International Publication Number **WO 2008/027501** on **March 6, 2008**,

identified by attorney docket number **D2040-02WO**;

WHEREAS,

**BASF SE**, a corporation duly organized under and pursuant to the laws of Germany, and having a place of business at Carl-Bosch-Strasse 38, 67056 Ludwigshafen, Germany,

entirely as the same would have been held and enjoyed by said Assignors, had this Assignment not been made;

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee that,

said Assignors are the sole and lawful owners of the entire right, title and interest throughout the world in and to said Inventions, said patent applications, any said Letters Patent; and that the same are unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, that whenever counsel of said Assignee shall advise that any proceeding in connection with said Inventions, patent applications, Letters Patent and related rights (including interference proceedings) is lawful and desirable,

to effectuate fully this Assignment, said Assignors shall sign all papers and documents, take all lawful oaths and do all acts necessary or required for the procurement, maintenance, enforcement or defense of said Letters Patent (including further reissue applications, assignments and preliminary statements) and to fully and properly vest, perfect, record and maintain the rights and title in said Letters Patent, without charge by said Assignors to said Assignee, but at reasonable cost and expense to said Assignee.

If for any reason said Assignee is unable to secure an Assignor's signature to any papers or documents described in the immediately preceding section, each Assignor hereby irrevocably designates and appoints said Assignee and its representatives as said Assignor's agents and attorneys-in-fact to execute said papers or documents on behalf and instead of said Assignor, all with the same legal force and effect as if executed by said Assignor.

Each Assignor hereby authorizes the Assignee to apply in all countries and patent-granting authorities in each Assignor's name or in the name of the Assignee for said patent applications and said related rights.

The Assignors hereby request and authorize the Assignee or the Assignee's authorized representatives in the United States or abroad to complete hereafter this Assignment by inserting, as needed, the serial numbers, filing dates, patent numbers, or grant dates for the applications or patents identified above, and to correct any clerical errors that may be necessary or desirable to record this Assignment.

The Assignors hereby request the Commissioner of Patents and/or the Director of the U.S. Patent and Trademark Office to issue said Letters Patent of the United States of America to said Assignee for the sole use of said Assignee.

This Assignment constitutes the entire agreement with respect to its subject matter and supersedes any prior or contemporaneous oral or written agreements concerning said subject

matter. This Assignment shall be governed in all respects by the laws of the United States and the laws of the state of California. Each of the parties irrevocably consents, jointly and severally, to personal jurisdiction of the federal and state courts located in California.

This Assignment may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

[signature pages follow]

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**EXECUTION OF ASSIGNMENT**

In witness whereof, I hereto set my hand and seal at Ludwigshafen/Germany,  
(city, state where executed)  
this 10<sup>th</sup> day of September, 2009  
(date) (month) (year)

*Sylke Haremza*  
**Sylke Haremza**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of Germany )  
County of Rheinland-Pfalz )

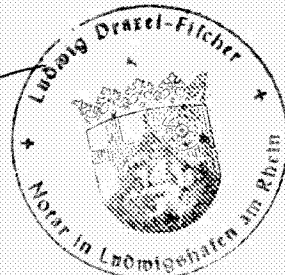
On 10<sup>th</sup> September, 2009, before me, Ludwig Draxel-Fischer, Notary Public, personally appeared Sylke Haremza, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, execute the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Ludwig Draxel-Fischer*

Notary Public Signature



NOTARY PUBLIC SEAL

**EXECUTION OF ASSIGNMENT**

In witness whereof, I hereto set my hand and seal at Ludwigshafen/Germany,  
this 10<sup>th</sup> day of September, 2009  
(date) (month) (year)  
(city, state where executed)

Oliver Koch  
**Oliver Koch**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of Germany )  
County of Rheinland-Pfalz )

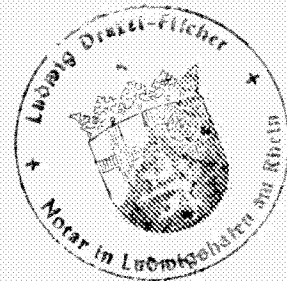
On 10<sup>th</sup> September, 2009, before me, Ludwig Draxel-Fischer, Notary Public, personally appeared Oliver Koch, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, execute the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Handwritten Signature]

Notary Public Signature



NOTARY PUBLIC SEAL

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**EXECUTION OF ASSIGNMENT**

In witness whereof, I hereto set my hand and seal at Ludwigshafen/Germany,  
(city, state where executed)  
this 10<sup>th</sup> day of September, 2009  
(date) (month) (year)

*Tilo Habicher*  
**Tilo Habicher**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

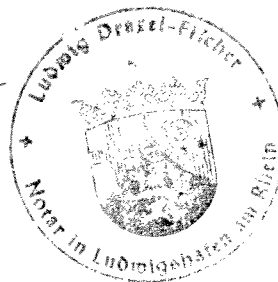
State of Germany )  
County of Rheinland-Pfalz )

On 10<sup>th</sup> September, 2009, before me, Ludwig Draxel-Fischer, Notary Public, personally appeared Tilo Habicher, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, execute the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Ludwig Draxel-Fischer*



Notary Public Signature

NOTARY PUBLIC SEAL



U.R.Nr. 2011/2009

I, Ludwig Draxel-Fischer, notary public at Ludwigshafen/Rhine, Federal Republic of Germany, hereby testify and confirm that the foregoing signatures of

1. Dr. Sylke **Haremza**, chemist, residing at Ringstraße 13, 69151 Neckargemünd, Germany, personally known to me,
2. Dr. Oliver **Koch**, chemist, residing at In den Backhauswiesen 18, 67157 Wachenheim, Germany, personally known to me,
3. Dr. Tilo **Habicher**, chemist, residing at Hafensstraße 4a, 67346 Speyer, Germany, personally known to me,

are true and valid.

Ludwigshafen, this 10<sup>th</sup> day of September, 2009



notary public

Wert: 5.112,92 €