505126781 10/04/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5173542

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCO A. FRAATZ	09/14/2018
HOLGER ZORN	09/15/2018
JOHANNA ROST	09/17/2018
MICHAEL GOLDMANN	09/17/2018
EGON GROSS	08/30/2018
JAKOB LEY	08/31/2018
KATRIN GEISSLER	08/29/2018
TORSTEN GEISSLER	08/29/2018
MICHAEL BACKES	08/30/2018
FABIA HENTSCHEL	09/11/2018
JENS-MICHAEL HILMER	09/12/2018

RECEIVING PARTY DATA

Name:	SYMRISE AG	
Street Address:	MÜHLENFELDSTRASSE 1	
City:	HOLZMINDEN	
State/Country:	GERMANY	
Postal Code:	stal Code: 37603	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15779214

CORRESPONDENCE DATA

Fax Number: (713)456-2800

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: 713-571-3400

Email: cpaun@polsinelli.com

Correspondent Name: POLSINELLI PC (DC OFFICE)
Address Line 1: 1000 LOUISIANA STREET
Address Line 2: FIFTY-THIRD FLOOR
Address Line 4: HOUSTON, TEXAS 77002

PATENT 505126781 REEL: 047192 FRAME: 0834

ATTORNEY DOCKET NUMBER:	085158-597003
NAME OF SUBMITTER:	R. JAMES BALLS
SIGNATURE:	/R. James Balls/
DATE SIGNED:	10/04/2018
Total Attachments: 24	
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> PATENT REEL: 047192 FRAME: 0835

COMBINED ASSIGNMENT & DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATIONS

ASSIGNMENT

THIS ASSIGNMENT, made by Mark FRAATZ, residing at Schlangenzahl 113, \$\frac{11}{20}\$ \$\frac{1}{20}\$.

35392 Gicßen, Germany; Holger ZORN, residing at Nassauer Ring 13, 35435 Wettenberg,
Germany; Johanna ROST, residing at Silbergrasweg 5, 55262 Heidesheim, Germany; Michael
GOLDMANN, residing at Schlossstraße 4, 36145 Schackau, Germany; Egon GROSS, residing
at Siekenweg 24, 37603 Holzminden, Germany; Jakob LEY, residing at Schubertstraße 5a,
37603 Holzminden, Germany; Katrin GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck,
Germany; Torsten GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck, Germany; Michael
BACKES, residing at Mozartstraße 14, 37603 Holzminden, Germany; Fabia HENTSCHEL,

Neue Str. 20

Ne

WHEREAS, Assignors have invented certain new and useful improvements in METHOD FOR PRODUCING BRANCHED ALDEHYDES, set forth in a Patent application for Letters Patent of the United States, filed on May 25, 2018 as Application No. 15/779,214, which is the National Phase of PCT/EP2015/077992 filed on November 28, 2015; and

WHEREAS, SYMRISE AG, a corporation organized under and pursuant to the laws of Germany having its principal place of business at Mühlenfeldstraße 1, 37603. Holzminden, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

Docket No. 085158-597003

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that 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, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

METHOD FOR PRODUCING BRANCHED ALDEHYDES

the specification of which was filed on May 25, 2018 as Application No. 15/779,214, which is the National Phase of PCT/EP2015/077992 filed on November 28, 2015.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C,F.R. 1.56.

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Date:	14.03.18	Signature:	Mario FRAATZ Haveo A.
Date:		Signature:	Holger ZORN
Date:		Signature:	Johanna ROST
Date:		Signature:	Michael GOLDMANN
Date	30. 8. 18	Signature:	Egon CROSS
Date:	31.8.18	Signature:	Figon GROSS \ Jakob Ary
Date:	79.08.18	Signature:	K. Jejlan Katrin GEJSSLER
Date:	29.08.18	Signature:	Torsicy GERSSLER

Date: 30/08/1708 Signature: Michael BACKES

Date: 11.09/1018 Signature: Achie Hendelle Fabia HENTSCHEL

Date: 10.9.2016 Signature: Jews-Michael HILMER

COMBINED ASSIGNMENT & DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATIONS

ASSIGNMENT

WHEREAS, Assignors have invented certain new and useful improvements in METHOD FOR PRODUCING BRANCHED ALDEHYDES, set forth in a Patent application for Letters Patent of the United States, filed on May 25, 2018 as Application No. 15/779,214, which is the National Phase of PCT/EP2015/077992 filed on November 28, 2015; and

WHEREAS, SYMRISE AG, a corporation organized under and pursuant to the laws of Germany having its principal place of business at Mühlenfeldstraße 1, 37603

Holzminden, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

Docket No. 085155-597003

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

METHOD FOR PRODUCING BRANCHED ALDEHYDES

the specification of which was filed on May 25, 2018 as Application No. 15/779,214, which is the National Phase of PCT/EP2015/077992 filed on November 28, 2015.

The above-identified application was made or authorized to be made by me.

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Date:		Signature:	Mario FRAATZ
Date:	<u> </u>	Signature:	Holger Zorkn
Date:		Signature:	Johanna ROST
Date:		Signature:	Michael GOLDMANN
Date:	30, 8-78	Signature:	Egon GROSS
Date:	31.8.18	Signature:	Jakob Lev 7
Date:	: 108/8	Signature:	Katrin GEISSLER
Date:	79.08.18	Signature	Torsten GEISSLER

Date: 301081708 Signature: Michael BACKES

Date: 11097018 Signature: Eaby Hewald
Fabia HENTSCHEL

Date: 12.9, 2016 Signature: Jeps-Michael HILMER

COMBINED ASSIGNMENT & DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATIONS

ASSIGNMENT

THIS ASSIGNMENT, made by Mark FRAATZ, residing at Schlangenzahl 113, \$\frac{1}{2} \in \text{A}\$.

35392 Gießen, Germany; Holger ZORN, residing at Nassauer Ring 13, 35435 Wettenberg,

Germany; Johanna ROST, residing at Silbergrasweg 5, 55262 Heidesheim, Germany; Michael

GOLDMANN, residing at Schlossstraße 4, 36145 Schackau, Germany; Egon GROSS, residing

at Siekenweg 24, 37603 Holzminden, Germany; Jakob LEY, residing at Schubertstraße 5a,

37603 Holzminden, Germany; Katrin GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck,

Germany; Torsten GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck, Germany; Michael

BACKES, residing at Mozartstraße 14, 37603 Holzminden, Germany; Fabia HENTSCHEL,

residing at Vogelsang 1, 37603 Holzminden, Germany; and Jens-Michael HILMER, residing at

Heuweg 3, 37603 Holzminden, Germany (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in METHOD FOR PRODUCING BRANCHED ALDEHYDES, set forth in a Patent application for Letters Patent of the United States, filed on May 25, 2018 as Application No. 15/779,214, which is the National Phase of PCT/EP2015/077992 filed on November 28, 2015; and

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Docket No. 085168-597003

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AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

Dockel No. 085158-597003

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Date:		Signature:	Mario FRAATZ
Date:		Signature:	Holger ZORN
Date:	17 05 18	Signature:	Marina BOST
Date:		Signature:	Michael GOLDMANN
Date:	30, 8.19	Signature:	Kin GROSS (
Date:	31.8.13	Signature:	
Date:	79.08/8	Signature:	K. J.J.J.J. Katrin Obles Luk
Date:	Z3.08.18	Signature:	Torner GEISSLER

COMBINED ASSIGNMENT & DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATIONS

ASSIGNMENT

THIS ASSIGNMENT, made by Mario FRAATZ, residing at Schlangenzahl 113, # Co fl. 35392 Gießen, Germany; Holger ZORN, residing at Nassauer Ring 13, 35435 Wettenberg, Germany; Johanna ROST, residing at Silbergrasweg 5, 55262 Heidesheim, Germany; Michael GOLDMANN, residing at Schlossstraße 4, 36145 Schackau, Germany; Egon GROSS, residing at Siekenweg 24, 37603 Holzminden, Germany; Jakob LEY, residing at Schubertstraße 5a, 37603 Holzminden, Germany; Katrin GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck, Germany; Torsten GEISSLER, residing at Tiedexer Tor 2, 37574 Einbeck, Germany; Michael BACKES, residing at Mozartstraße 14, 37603 Holzminden, Germany; Fabia HENTSCHEL, residing at Yogersang 1, 37603 Holzminden, Germany; and Jens-Michael HILMER, residing at Heuweg 3, 37603 Holzminden, Germany (hereinafter referred to as Assignors);

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Docket No. 085188-587000

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Date:	**************************************	Signature:	Holger ZORN
Date:		Signature:	Johanna ROST
Date:	14.5.18	Signature:(Michael GOLDMANN
Date:	30.8.18	Signature	Egon GROSS
Date:	39.8.18	Signature;	Jakob AS ()
Date:	7508/8	Signature:	K. Je Jazz Katrin GEISSLER
Date:	73.08.18	Signature:	Torstery GEISSLER

Date:	301081708	Signature:	Michael BACKES
Date:	11097018	Signature:	Fabia HENTSCHEL
Date:	12.9.2018	Signature:	Jeyk-Michael HILMER

Docket No. 088188-897003

RECORDED: 10/04/2018