

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| THORSTEN MUTZKE | 02/27/2018 |
| MARKUS KREUZ | 03/03/2018 |
| STEFANIE SEWING | 03/01/2018 |
| FABIAN JOHANNES EBER | 02/28/2018 |
| WENKE WAGNER | 03/01/2018 |
| MICHAEL SONNTAG | 03/02/2018 |
| MICHAEL WIGGENHORN | 04/20/2018 |
| KATHARINA KOLLAND | 03/31/2018 |
| RECEIVING PARTY DATA | |
| Name: | CUREVAC AG |
| Street Address: | PAUL-EHRLICH-STR. 15 |
| City: | TÜBINGEN |
| State/Country: | GERMANY |
| Postal Code: | 72076 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15566010 |
| CORRESPONDENCE DATA | |
| Fax Number: | (512)334-2999 |
| <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> | |
| Phone: | (512) 334-2900 |
| Email: | jnorman@phiplaw.com |
| Correspondent Name: | PARKER HIGHLANDER PLLC |
| Address Line 1: | 1120 S. CAPITAL OF TEXAS HWY. |
| Address Line 2: | BUILDING ONE, SUITE 200 |
| Address Line 4: | AUSTIN, TEXAS 78746 |
| ATTORNEY DOCKET NUMBER: | CRVC.P0172US |
| NAME OF SUBMITTER: | JENNIFER NORMAN-WOLFE |
| SIGNATURE: | /Jennifer Norman-Wolfe/ |

PATENT

DATE SIGNED:

05/22/2018

Total Attachments: 11

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ASSIGNMENT

This Patent Assignment ("Assignment") is made and entered into as of by and between **Thorsten MUTZKE, Markus KREUZ, Stefanie SEWING, Fabian Johannes EBER, Wenke WAGNER, Michael SONNTAG, Michael WIGGENHORN, and Katharina KOLLAND** (the "Assignor(s)") and **CureVac AG**, a company organized and existing under the laws of Germany, having a place of business at Paul-Ehrlich-Str. 15, 72076 Tübingen, Germany (the "Assignee").

WHEREAS, Assignor(s) has agreed to assign and transfer to Assignee, and Assignee has agreed to acquire and accept from Assignor(s), Assignor(s)'s rights in the following patent applications (the "Assigned Patents"):

U.S. Application No. 15/566,010, filed October 12, 2017, entitled "METHOD FOR PRODUCING RNA COMPOSITIONS;"

International Application No. PCT/EP2016/000607, filed April 13, 2016; and

International Application No. PCT/EP2015/000771, filed April 13, 2015.

NOW, THEREFORE, in consideration of the premises, mutual covenants and provisions herein contained, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereto agree to execute this Assignment, as follows:

1.0 Assignment. The Assignor(s) has assigned and/or by these presents does hereby assign, transfer and convey unto Assignee, the Assignor(s)'s whole and entire right, title and interest for the United States and all other countries throughout the world (i) in and to the inventions claimed or disclosed in the Assigned Patents, including all patents granting from the Assigned Patents or any continuation, continuation-in-part, division, renewal, substitute, reexamination or reissue thereof, including any patents in the United States and in all other countries throughout the world obtained based upon a claim of priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, as well as the right to claim priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, and (ii) in and to all rights to sue for and collect damages resulting from past, present and future infringement of said patents and patent applications in (i).

2.0 Enjoyment. The patents and patent applications subject to Paragraph 1 shall be held and enjoyed by Assignee, for Assignee's use and benefit, and for Assignee's legal representatives and assigns, to the full end of the term or terms for which same may be granted, as fully and entirely as the same would have been held by Assignee had this assignment and transfer not been made.

3.0 Authorize and Request. Assignor(s) authorizes and requests the issuing authority to issue any and all United States and foreign patents granted on such patents and patent applications in 1.0(i) to the Assignee.

4.0 Warrant and Covenant. Assignor(s) warrants and covenants that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor(s), and that the full right to convey the same as herein expressed is possessed by the Assignor(s).

5.0 Assistance. The parties to this Assignment shall use commercially reasonable efforts to take, or cause to be taken, all actions, and to do, or cause to be done, all things, necessary or advisable to consummate the transactions contemplated by this Assignment. Without limiting the foregoing, each of Assignor(s) and Assignee shall cooperate with the other without any further consideration to execute and deliver, or use commercially reasonable efforts to cause to be executed and delivered, all documents as may reasonably be necessary to secure the vesting in Assignee of all rights assigned to Assignee by this Assignment, including without limitation any documents required to record this Assignment with local patent offices, and all rightful oaths, declarations, and other papers.

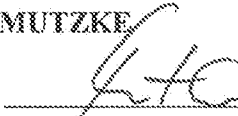
6.0 Binding. The Assignment is binding on the heirs, assigns, representatives and successors of the Assignor(s) and extends to the successors, assigns and nominees of the Assignee.

7.0 Effectiveness. The assignment of said inventions is or was effective as of the earlier of (1) the date of execution of the Assignor(s) indicated below or (2) the filing date of the first filed of the patent applications of the Assigned Patents.

(Signature page follows)


IN WITNESS WHEREOF, **Thorsten MUTZKE** has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

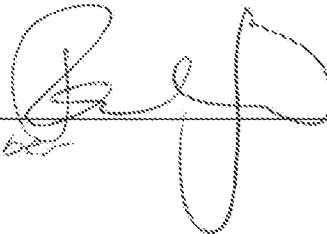
Thorsten MUTZKE

Signature: 

Date: 27.02.2018

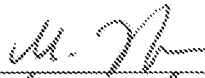
BEFORE ME, the undersigned authority, on this 28 day of February, 2018 personally appeared **Thorsten MUTZKE**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Witness 

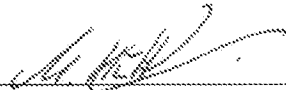


IN WITNESS WHEREOF, Markus KREUZ has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Markus KREUZ

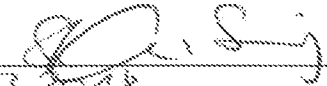
Signature: 
Date: March 03, 2018

BEFORE ME, the undersigned authority, on this 3 day of March, 2018 personally appeared Markus KREUZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

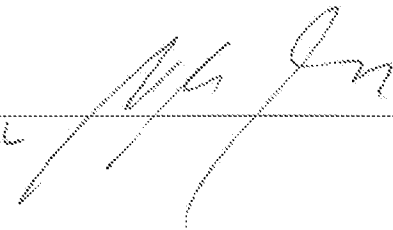

Witness

IN WITNESS WHEREOF, **Stefanie SEWING** has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Stefanie SEWING

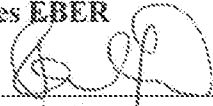
Signature: 
Date: 01.03.2018

BEFORE ME, the undersigned authority, on this 01 day of March, 2018 personally appeared **Stefanie SEWING**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Witness ALBL 


IN WITNESS WHEREOF, Fabian Johannes EBER has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

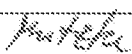
Fabian Johannes EBER

Signature:  _____

Date: 28/02/2018

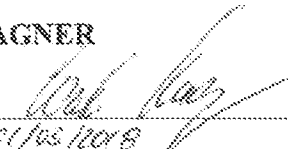
BEFORE ME, the undersigned authority, on this 28 day of February, 2018 personally appeared Fabian Johannes EBER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



Witness 

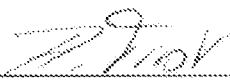
IN WITNESS WHEREOF, **Wenke WAGNER** has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Wenke WAGNER

Signature: 

Date: 01/25/2018

BEFORE ME, the undersigned authority, on this 1st day of March, 2018 personally appeared **Wenke WAGNER**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


Witness Tracy

IN WITNESS WHEREOF, Michael SONNTAG has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Michael SONNTAG

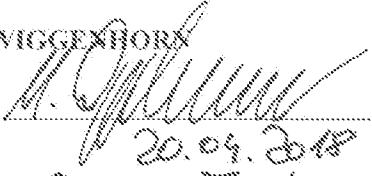
Signature: *M. Sonntag*
Date: 02/03/2018

BEFORE ME, the undersigned authority, on this 02 day of MARCH, 2018 personally appeared **Michael SONNTAG**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

A. [Signature]
Witness *Trist*

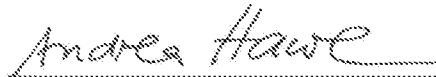
IN WITNESS WHEREOF, Michael WIGGENHORN has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Michael WIGGENHORN

Signature: 

Date: 20.04.2018

BEFORE ME, the undersigned authority, on this 20 day of April, 2018 personally appeared Michael WIGGENHORN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


Witness

IN WITNESS WHEREOF, **Katharina KOLLAND** has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Katharina KOLLAND

Signature: *K. Kolland*

Date: 31. March 2018

BEFORE ME, the undersigned authority, on this 31 day of March, 2018 personally appeared **Katharina KOLLAND**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

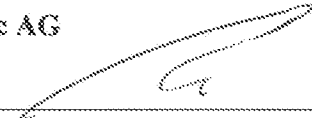
31. March 2018

Witness

[Signature]
Peter Kolland

IN WITNESS WHEREOF, Assignee has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized.

CureVac AG

By: 

Name: Ingrid Hoerr

Title: Dr.

Date: 03.03.2018

BEFORE ME, the undersigned authority, on this 1st day of March, 2018 personally appeared Ingrid Hoerr, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



Witness Vikran Mueller