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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Michael Schabbach | 07/02/2018 |
| Alexander Allerdings | 07/02/2018 |
| Christoph Dette | 07/04/2018 |
| Martin Otten | 07/20/2018 |
| Christian Pommereau | 07/20/2018 |
| Dietmar Hammen | 07/11/2018 |
| Paul Edward Jansen | 06/21/2018 |
| Ulrich Brueggemann | 07/09/2018 |

RECEIVING PARTY DATA

| Name: | SANOFI |
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| Street Address: | 54 RUE LA BOÉTIE |
| City: | PARIS |
| State/Country: | FRANCE |
| Postal Code: | 75008 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16609361 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 46567-0521US1 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | LAUREN COLICCHIO |
| SIGNATURE: | /Lauren Colicchio/ |

| DATE SIGNED: | 05/04/2020 |
|------------------------------------|------------|
| Total Attachments: 6 | |
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| source=46567-0521US1 Assignment#pa | age6.tif |

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, the undersigned joint <u>Inventors</u>, each individually assign to **SANOFI**, a corporation formed under the laws of **France** and having a principal place of business at

54, rue La Boétie, 75008 Paris, France, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint rights, titles, and interests throughout the world in the subject matter (the "Subject Matter") disclosed or claimed in a patent application that names us as inventors, is titled

Cartridge with Distributed Electronic Components

and was filed in the following Patent Office(s):

EP Application Filing Date: May 5, 2017

EP Application Filing No.: 17305516.1

This Assignment, effective as of May 05, 2017, assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform

all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

| igned at | | on this 2 3 day of July |
|-----------|--------------------------------|--|
| | (City and Nation) | |
| | Signature: | M. 400. |
| | Inventor's Name: | Michael Schabbach |
| | Residential Address: | : c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
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| | Witnessed by: | |
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| Signed at | | on this 288 day of 1/4/2 , 2018 |
| | (City and Nation) | |
| | 200 | <u> La la Carala</u> |
| | Signature: Inventor's Name: | Alexander Alterdings |
| | | c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
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| | Witnessed by: | |
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| Signed at | | on this |
| ~ as | (City and Nation) | 3a) 01 |
| | | / |
| | Signature: | |
| | Inventor's Name: | Christoph Dette |
| | Residential Address: | c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
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| | Witnessed by: | and the same and t |
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| Signed at | With and North | on this 2011 day of 1009, 2018 |
| | (City and Nation) | |
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| | Characterists | |
| | Signature: Inventor's Name: | Martin Otten |
| | Inventor's Name: | Martin Otten C/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
| | Inventor's Name: | |
| | Inventor's Name: | |

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| | Frankfuels (City and Nation) | | | <u></u> | | | | | |
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| | Signature: Inventor's Name. | Christian | Pammer | A21) | <i>f</i> | | | | |
| | Residential Address | | | | d GmbH, 6 | 5926 Frankf | urt am Main | n, Germany | |
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| | Witnessed by: | Martin Martin Martin | | UU //L | in the | | | | |
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| | Signature: | The state of the s | l Energia esta esta esta esta esta esta esta est | Macan | | | | | |
| | Inventor's Name: | Dietmar H | łammen | | | | | | |
| | Residential Address | c/o Sanof | i-Aventis | Deutschland | d GmbH, 6 | 5926 Frankf | ırt am Mair | n, Germany | |
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| | Witnessed by: | activities | · Eliph mai | BAN 2 | de Person | | | | |
| | Witnessed by: | etter | <u>4,/</u> | <u> </u> | | | | | |
| | Witnessed by: | | | <u> </u> | | | | | |
| | Witnessed by: | | 4,1 | <u> </u> | | | | | |
| | Witnessed by: | , and the same of | <u>4,</u> /. | <u> </u> | | | | | |
| | Witnessed by: | , in | <u>4</u> , | <u> </u> | | | | | |
| Signed at | | | | | | · of | | . 2018 | |
| Signed at | Witnessed by: (City and Nation) | | | | | of | | , 2018 | |
| Signed at | | | | | | · of | | , 2018 | |
| Signed at | | | | on this | | ⁄ of | | , 2018 | |
| signed at | (City and Nation) Signature: Inventor's Name: | Paul Edw | ard Jans | on this | day | | | , 2018 | |
| Signed at | (City and Nation) Signature: | Paul Edw | ard Jans | on this | day | | | . 2018 | |
| Signed at | (City and Nation) Signature; Inventor's Name: Residential Address | Paul Edw | ard Jans | on this | day | | | , 2018 | |
| Signed at | (City and Nation) Signature: Inventor's Name: Residential Address | Paul Edw 338 Marlb | ard Janso orough S | on this | day day | | | , 2018 | |
| Signed at | (City and Nation) Signature: Inventor's Name: Residential Address | Paul Edw 338 Marlb | ard Janso orough S | on this en atreet, Unit 1 | day day | | | , 2018 | |
| iigned at | (City and Nation) Signature: Inventor's Name: Residential Address | Paul Edw 338 Marlb | ard Janso orough S | on this en atreet, Unit 1 | day day | | | , 2018 | |
| iigned at | (City and Nation) Signature: Inventor's Name: Residential Address | Paul Edw 338 Marlb | ard Janso orough S | on this en atreet, Unit 1 | day day | | | , 2018 | |
| Signed at | (City and Nation) Signature: Inventor's Name: Residential Address | Paul Edw 338 Marlb | ard Janso orough S | on this en atreet, Unit 1 | day day | | | . 2018 | |
| | (City and Nation) Signature: Inventor's Name: Residential Address Witnessed by: | Paul Edw 338 Marlb | ard Janso orough S | on this en street, Unit 1 | day Boston, A | AA, 02115, U | S | | |
| Signed at | (City and Nation) Signature; Inventor's Name: Residential Address Witnessed by: | Paul Edw 338 Marlb | ard Janso orough S | on this en street, Unit 1 | day Boston, A | AA, 02115, U | S | | |
| ligned at | (City and Nation) Signature: Inventor's Name: Residential Address Witnessed by: | Paul Edw 338 Marlb | ard Janso orough S | on this en street, Unit 1 | day Boston, A | AA, 02115, U | S | | |
| Signed at | (City and Nation) Signature; Inventor's Name: Residential Address Witnessed by: | Paul Edw 338 Marlb | ard Janso corough S | on this en street, Unit 1, | day | AA, 02115, U | S | | |
| ligned at | (City and Nation) Signature; Inventor's Name: Residential Address Witnessed by: | Paul Edw 338 Marlb | ard Janse orough S | on this en etreet, Unit 1 | day | AA, 02115, U | S | | |

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| Signed at | |
|--|--------------|
| Inventor's Name: Christian Pommereau Residential Address: c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany | |
| Residential Address: c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany | |
| Witnessed by: | f. |
| | ~ |
| signed aton thisday of, 2018 | |
| (City and Nation) | |
| Signature: Inventor's Name: Dietmar Hammen Residential Address: c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany | , |
| Witnessed by: | |
| Signed at (City and Nation) | |
| Signsture: Inventor's Name: Paul Esward Jansen Residential Address: 338 Marlborough Street, Unit 1, Boston, MA, 02115, US | |
| Witnessed by: Suca Jurgdall Skelkainulle | |
| | |
| igned aton thisday of, 2018 (City and Nation) | |
| Signature: Inventor's Name: Utrich Brüggemann Residential Address: c/o SANOFI U.S., 55 Corporate Drive, Mail-Code: 55A-505A, Bridgewater, N. | J 08807, US |
| Witnessed by: | |

| Signed at | | on this day of |
|-----------|---|--|
| | (City and Nation) | |
| | | Christian Pommereau c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
| | Witnessed by: | |
| | | |
| Signed at | (City and Nation) | on this day of, 2018 |
| | Signature: Inventor's Name: | Dietmar Hammen |
| | | c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt am Main, Germany |
| | Witnessed by: | |
| | | |
| Signed at | | on thisday of, 2018 |
| | (City and Nation) | |
| | Signature: | |
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| Signed at | Inventor's Name: Residential Address: | : 338 Marlborough Street, Unit 1, Boston, MA, 02115, US |
| Signed at | Inventor's Name: Residential Address: Witnessed by: Cambridge (City and Nation) Signature: Inventor's Name: | and this on this of day of July |
| Signed at | Inventor's Name: Residential Address: Witnessed by: Cambridge (City and Nation) Signature: Inventor's Name: | and this on this of day of July |

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee:

SANOFI

Signature:

Marcus Schwarzhaupt

Name: Title:

Approved Signatory

Date:

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