

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6708033

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                              |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                             |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                       |
| BAXALTA GMBH                                                                                                                                                                                    | 12/05/2020                                  |
| BAXALTA INCORPORATED                                                                                                                                                                            | 12/05/2020                                  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                             |
| <b>Name:</b>                                                                                                                                                                                    | TAKEDA PHARMACEUTICAL COMPANY LIMITED       |
| <b>Street Address:</b>                                                                                                                                                                          | 1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA-SHI |
| <b>City:</b>                                                                                                                                                                                    | OSAKA                                       |
| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                                       |
| <b>PROPERTY NUMBERS Total: 14</b>                                                                                                                                                               |                                             |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                               |
| Application Number:                                                                                                                                                                             | 16903185                                    |
| Application Number:                                                                                                                                                                             | 16816641                                    |
| Application Number:                                                                                                                                                                             | 15578855                                    |
| Application Number:                                                                                                                                                                             | 16743850                                    |
| Application Number:                                                                                                                                                                             | 16746583                                    |
| Application Number:                                                                                                                                                                             | 15186061                                    |
| Application Number:                                                                                                                                                                             | 16322837                                    |
| Application Number:                                                                                                                                                                             | 16359939                                    |
| Application Number:                                                                                                                                                                             | 16958974                                    |
| Application Number:                                                                                                                                                                             | 29665383                                    |
| Application Number:                                                                                                                                                                             | 29727164                                    |
| Application Number:                                                                                                                                                                             | 16906349                                    |
| Application Number:                                                                                                                                                                             | 62969998                                    |
| Application Number:                                                                                                                                                                             | 62985797                                    |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                             |
| <b>Fax Number:</b>                                                                                                                                                                              | (202)416-7212                               |
| <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>                                                                                                                                                                                   | 2028356212                                  |
| <b>Email:</b>                                                                                                                                                                                   | nhia.lee@bakermckenzie.com                  |

**Correspondent Name:** BAKER & MCKENZIE LLP  
**Address Line 1:** 815 CONNECTICUT AVENUE, NW  
**Address Line 2:** ATTN: NHIA LEE  
**Address Line 4:** WASHINGTON, D.C. 20006

**ATTORNEY DOCKET NUMBER:** 50582642-0000

**NAME OF SUBMITTER:** NHIA LEE

**SIGNATURE:** /Nhia Lee/

**DATE SIGNED:** 05/13/2021

**Total Attachments: 6**

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CONFIRMATORY PATENT ASSIGNMENT

WHEREAS, on December 5, 2020, Baxalta GmbH, a limited liability company organized under the laws of Switzerland, and having a place of business at Thurgauerstrasse 130, 8152 Glattpark (Opfikon), Zurich, Switzerland and Baxalta Incorporated, a corporation organized under the laws of the State of Delaware, USA, and having a place of business at 1200 Lakeside Drive, Bannockburn, Illinois, 60015 USA (the "Assignors"), were the owners of the patent(s) and application(s) identified in attached Schedule A ("the Patent(s)"); and

WHEREAS, on December 5, 2020, Takeda Pharmaceutical Company Limited, a public stock corporation organized under the laws of Japan and having a place of business at 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan (the "Assignee"), was desirous of acquiring the Patent(s), and related invention(s) thereof,

NOW, THEREFORE Assignors confirm that effective on December 5, 2020, for good and valuable consideration, the receipt of which was acknowledged therein and is hereby confirmed, Assignors sold, assigned and transferred unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the Patent(s), and the invention(s) disclosed and claimed therein, and any Letters Patent which may thereafter be granted on the same in the United States and all countries throughout the world including any reissues, divisions, renewals, continuations in whole or in part, substitutions, conversions, reexaminations, prolongations, provisionals or extensions thereof, as well as rights to any and all existing causes of action and the right to past damages associated therewith, and all rights under the Paris Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patent(s) may be granted as fully and entirely as the same would have been held and enjoyed by Assignor had the sale and assignment not been made.

Assignors hereby further confirm that Assignee was granted the right to update the bibliographic information found in the attached Schedule A from time to time, including but not limited to adding the patent application numbers and patent numbers for those filings that fall under the scope of the above grant, such that this Agreement can be recorded with the respective global patent offices and ministries.

Assignee hereby grants a limited power of attorney for the purpose of recording this assignment in the United States and all other countries throughout the world to the practitioners listed on the power of attorney attached herewith and further grant the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any other patent office worldwide for recordation of this document.

IN WITNESS WHEREOF, Assignor, by its duly authorized officer, has executed this Confirmatory Assignment in Sudbury, Massachusetts, USA as of this 5 day of DEC, 2020.

ON BEHALF OF Baxalta GmbH

By: [Signature]

Printed Name: Patrick Eagelman

Title: Authorized Signatory, Vice President Intellectual Property

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX

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AC  
12/5/20

Amanda Cucchiara

On this 5 day of December, 2020 before me, ~~Noreen Buckley~~, Notary Public, personally appeared Patrick Eagelman, personally known to me or identified by me to be the person whose name is subscribed to the within instrument and evidenced to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]

NOTARY PUBLIC

My Commission Expires: ~~26 September 2023~~



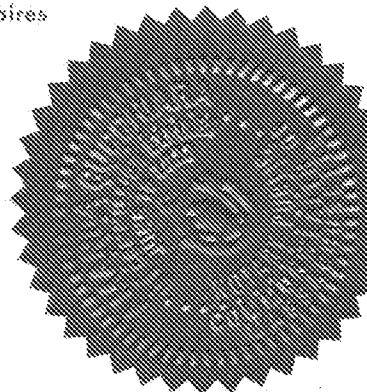
AMANDA CUCCHIARA

Notary Public

Commonwealth of Massachusetts

My Commission Expires

June 15, 2023



IN WITNESS WHEREOF, Assignor, by its duly authorized officer, has executed this Confirmatory Assignment in Belmont, Massachusetts, USA as of this 5<sup>th</sup> day of December, 2020.

ON BEHALF OF Baxalta GmbH

By: Jessica Jamieson

Printed Name: Jessica Jamieson  
Title: Authorized Signatory, IP TA Head

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX

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AC 12/20

On this 5 day of December, 2020 before me, Amanda Cucchiara, Notary Public, personally appeared Jessica Jamieson, personally known to me or identified by me to be the person whose name is subscribed to the within instrument and evidenced to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

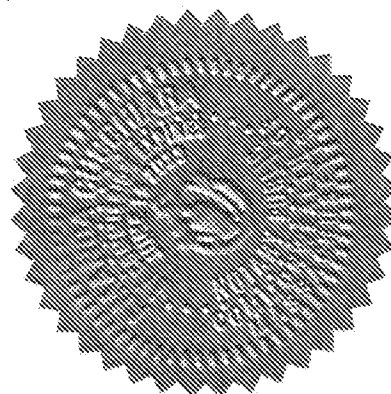
Amanda Cucchiara

NOTARY PUBLIC

My Commission Expires: ~~28 September 2023~~



AMANDA CUCCHIARA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 15, 2023



IN WITNESS WHEREOF, Assignor, by its duly authorized officer, has executed this Confirmatory Assignment in Sudbury,  
Massachusetts, USA as of this 5 day of Dec, 2020.

ON BEHALF OF Baxalta Incorporated

By: [Signature]

Printed Name: Patrick Eagelman

Title: Authorized Signatory, Vice President Intellectual Property

STATE OF MASSACHUSETTS

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COUNTY OF MIDDLESEX

AC 12/15/20

On this 5 day of December, 2020 before me, Amanda Cucchiara, Notary Public, personally appeared Patrick Eagelman, personally known to me or identified by me to be the person whose name is subscribed to the within instrument and evidenced to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

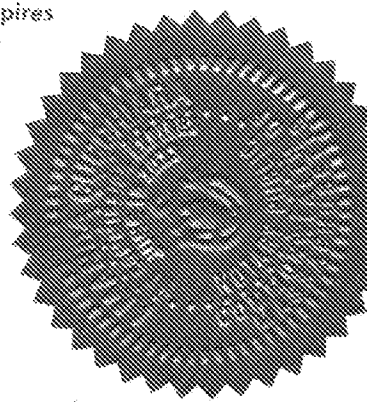
WITNESS my hand and official seal.

[Signature]  
NOTARY PUBLIC

My Commission Expires: ~~28 September 2023~~



AMANDA CUCCHIARA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 15, 2023



IN WITNESS WHEREOF, Assignee, by its duly authorized officer, has executed this Confirmatory Assignment in Belmont, Massachusetts, USA as of this 5<sup>th</sup> day of December 2020.

ON BEHALF OF Takeda Pharmaceutical Company Limited

By: Margo J.

Printed Name: Margo Furman  
Title: Authorized Signatory, IP TA Head

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX

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12/5/20

Amanda Cucchiara

On this 5 day of December 2020 before me, ~~Noreen Buckley~~, Notary Public, personally appeared Margo Furman, personally known to me or identified by me to be the person whose name is subscribed to the within instrument and evidenced to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

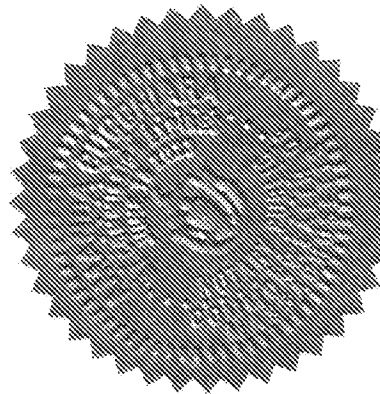
WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: ~~26 September 2023~~



AMANDA CUCCHIARA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
June 15, 2023



## Schedule A

| Patent No.        | Family | Status  | Country | App. No.   | Filed Date | Patent No. | Assignor                           |
|-------------------|--------|---------|---------|------------|------------|------------|------------------------------------|
| PAT5762CONUS08    | 5762   | Pending | USA     | 16/903,185 | 2010-07-30 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT5979CONUS04    | 5979   | Pending | USA     | 16/816641  | 2020-03-12 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6353PCTUS02    | 6353   | Pending | USA     | 15/578855  | 2016-05-30 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6370US02       | 6370   | Pending | USA     | 16/743850  | 2020-01-15 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6372CONUS04    | 6372   | Pending | USA     | 16/746,583 | 2020-01-17 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6372US02       | 6372   | Pending | USA     | 15/186061  | 2016-06-17 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6479PCTUS02    | 6479   | Pending | USA     | 16/322837  | 2017-08-04 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT6536US02       | 6536   | Granted | USA     | 16/359939  | 2019-03-20 | 10934340   | Baxalta GmbH; Baxalta Incorporated |
| PAT6570PCTUS02    | 6570   | Pending | USA     | 16/958974  | 2018-12-27 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT7104PRIUS01    | 7104   | Granted | USA     | 29/665383  | 2018-10-03 | D898342    | Baxalta GmbH; Baxalta Incorporated |
| PAT7111CONUS02    | 7111   | Pending | USA     | 29/727164  | 2020-03-09 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT7172US03       | 7172   | Pending | USA     | 16/906,349 | 2020-06-19 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT7202PRIUS01PRO | 7202   | Pending | USA     | 62/969998  | 2020-02-04 |            | Baxalta GmbH; Baxalta Incorporated |
| PAT7207PRIUS01PRO | 7207   | Pending | USA     | 62/985797  | 2020-03-05 |            | Baxalta GmbH; Baxalta Incorporated |

PATENT

REEL: 056231 FRAME: 0257

RECORDED: 05/13/2021