

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8074140

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR previously recorded on Reel 064271 Frame 0815. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
BAXALTA GMBH	12/05/2020
BAXALTA INCORPORATED	12/05/2020
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME, CHUO-KU
Internal Address:	OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18146212
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	IPservicesNYC@troutman.com
Correspondent Name:	TROUTMAN PEPPER HAMILTON SANDERS LLP
Address Line 1:	875 THIRD AVENUE
Address Line 4:	NEW YORK, NEW YORK 10022
ATTORNEY DOCKET NUMBER:	250478.002256
NAME OF SUBMITTER:	RALUCA ONER
SIGNATURE:	/Raluca Oner/
DATE SIGNED:	07/24/2023
Total Attachments: 8	
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*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>BAXALTA GMBH</td><td>12/05/2020</td></tr><tr><td>BACALTA INCORPORATED</td><td>12/05/2020</td></tr></tbody></table>	Name	Execution Date	BAXALTA GMBH	12/05/2020	BACALTA INCORPORATED	12/05/2020					
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BAXALTA GMBH	12/05/2020										
BACALTA INCORPORATED	12/05/2020										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Company Name:</td><td>TAKEDA PHARMACEUTICAL COMPANY LIMITED</td></tr><tr><td>Street Address:</td><td>1-1, DOSHOMACHI 4-CHOME, CHUO-KU</td></tr><tr><td>Internal Address:</td><td>OSAKA-SHI</td></tr><tr><td>City:</td><td>OSAKA</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Company Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED	Street Address:	1-1, DOSHOMACHI 4-CHOME, CHUO-KU	Internal Address:	OSAKA-SHI	City:	OSAKA	State/Country:	JAPAN	
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Application Number:	18146212										
CORRESPONDENCE DATA											
Fax Number:											
Email:	IPservicesNYC@troutman.com										

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.

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP
Address Line 1: 875 THIRD AVENUE
Address Line 4: NEW YORK, NEW YORK 10022

**ATTORNEY DOCKET
NUMBER:**

250478.002256

NAME OF SUBMITTER:

RALUCA ONER

Signature:

/Raluca Oner/

Date:

07/13/2023

Total Attachments: 6

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RECEIPT INFORMATION

EPAS ID: PAT8055272

Receipt Date: 07/13/2023

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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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ss

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~~



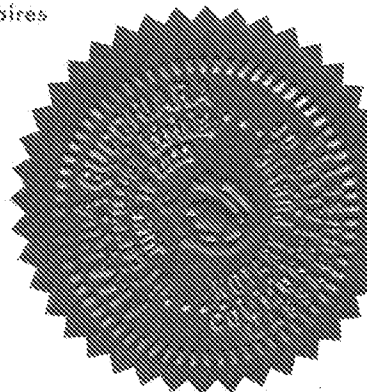
AMANDA CUCCHIARA

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 5th 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

§
§
§

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.

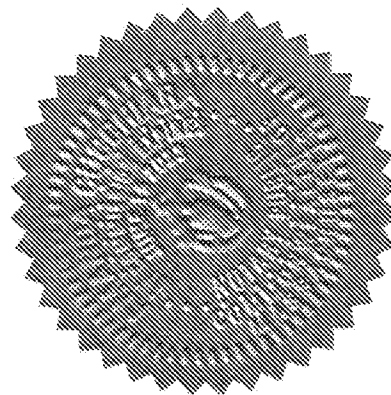
Amanda Cucchiara

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

§
§
§

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.

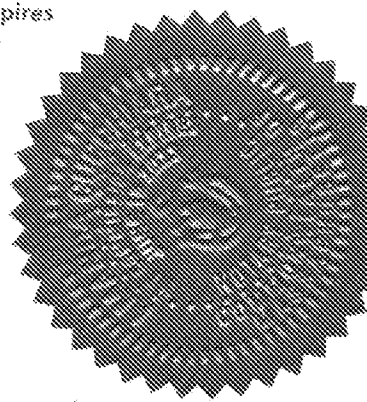
[Signature]

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 5th day of December 2020.

ON BEHALF OF Takeda Pharmaceutical Company Limited

By: Mg J

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

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 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.

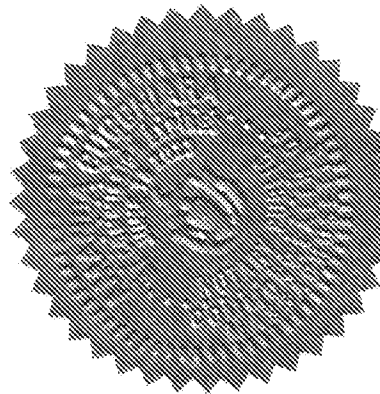
WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: ~~26 September 2023~~



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



Schedule A

Patent Ref	Family	Status	Country	Application No	Filed Date	Patent No	Assignor
PAT5806CONUS09	5806	Pending	USA	16/934100	2010-09-21		Baxalta GmbH; Baxalta Incorporated
PAT5932CONUS05	5932	Pending	USA	17/063116	2012-05-25		Baxalta GmbH; Baxalta Incorporated
PAT5967CONUS08	5967	Pending	USA	17/103618	2011-05-26		Baxalta GmbH; Baxalta Incorporated
PAT6038CONUS06	6038	Pending	USA	17/100612	2013-02-28		Baxalta GmbH; Baxalta Incorporated
PAT6654CONUS03	6654	Pending	USA	17/070599	2017-04-13		Baxalta GmbH; Baxalta Incorporated
PAT7022CONUS04	7022	Pending	USA	17/108562	2020-12-01		Baxalta GmbH; Baxalta Incorporated
PAT7087PCTUS02	7087	Pending	USA	17/258516	2019-07-11		Baxalta GmbH; Baxalta Incorporated
PAT7103PRIUS03PRO	7103	Pending	USA	62/947104	2019-12-12		Baxalta GmbH; Baxalta Incorporated
PAT7183PRIUS01PRO	7183	Pending	USA	62/947209	2019-12-12		Baxalta GmbH; Baxalta Incorporated
PAT7204PRIUS01PRO	7204	Pending	USA	63/111191	2020-11-09		Baxalta GmbH; Baxalta Incorporated
PAT7245PRIUS03PRO	7245	Pending	USA	63/117183	2020-11-23		Baxalta GmbH; Baxalta Incorporated

PATENT

REEL: 064367 FRAME: 0902

RECORDED: 03/24/2023