

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, KENNETH SWOPE LOVEDAY, FENGJU JUDY BAI, LILLY EAST, and WILDON R. FARWELL, each individually assign to BIOGEN MA INC., a corporation formed under the laws of Massachusetts and having a principal place of business at 225 Binney Street, Cambridge, MA 02142, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the “Subject Matter”) described in a patent application that names us as inventors, is titled “METHODS OF TREATING OR PREVENTING SPINAL MUSCULAR ATROPHY,” and was filed in the International Bureau of WIPO on July 16, 2020, as application PCT/US2020/042312 (the “Application”).

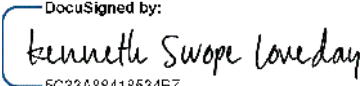
This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region and under every treaty or convention, (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.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

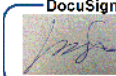
We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee’s name.

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.

DocuSigned by:

5C33A88413534E7..
Kenneth Swope Loveday

07-May-2021
Date: _____

DocuSigned by:

2D28195B8560443..
Fengju Judy Bai

06-May-2021
Date: _____

Lilly East

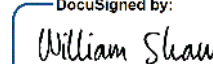
Date: _____

Wildon R. Farwell

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: BIOGEN MA INC.

Signature: 
96E86AE107214B9...

Date: 11-May-2021

Name: William Shaw

Title: Assistant Secretary

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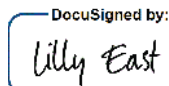
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Kenneth Swope Loveday

Date: _____

Fengju Judy Bai

Date: _____

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31-Aug-2021

Lilly East

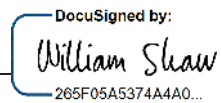
Date: _____

Wildon R. Farwell

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: BIOGEN MA INC.

Signature: _____

265F05A5374A4A0...

Date: 31-Aug-2021

Name: William J. Shaw

Title: Assistant Secretary

ASSIGNMENT

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Kenneth Swope Loveday

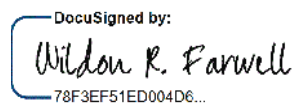
Date: _____

Fengju Judy Bai

Date: _____

Lilly East

Date: _____

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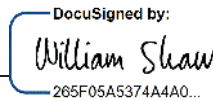
02-Jun-2021

Wildon R. Farwell

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: BIOGEN MA INC.

Signature:  _____
265F05A5374A4A0...

Date: 16-Jul-2021

Name: William Shaw _____

Title: Assistant Secretary _____