

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Douglas L. SHERIDAN	Branford	Connecticut
Paul P. TAMBURINI	Kensington	Connecticut

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Alexion Pharmaceuticals, Inc.	Delaware	100 College Street New Haven, CT 06510

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
MONOVALENT ANTI-PROPERDIN ANTIBODIES AND ANTIBODY FRAGMENTS	January 30, 2017	62/452,187

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

ASSIGNORS

IN WITNESS WHEREOF, I hereto set my hand and seal at New Haven,
this 14th day of February, 2017.

[Signature] L.S.
Douglas L. SHERIDAN

STATE OF Connecticut :

:SS.

COUNTY OF New Haven :

On this 14th day of February, 2017, before me, the undersigned notary public, personally appeared Douglas L. SHERIDAN, proved to me through satisfactory evidence of identification, which consisted of personally known to me, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: 5/31/2021

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at New Haven,
this 8th day of February, 2017.

[Signature] L.S.
Paul P. TAMBURINI

STATE OF Connecticut :

:SS.

COUNTY OF New Haven :

On this 8th day of February, 2017, before me, the undersigned notary public, personally appeared Paul P. TAMBURINI, proved to me through satisfactory evidence of identification, which consisted of personally known to me, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: 5/31/2021

[Notary's Seal Here]

ASSIGNEE

IN WITNESS WHEREOF, I hereto set my hand and seal at New Haven,
this 14th day of February, 2017.

Todd Spalding

L.S.

Full Name: Todd Spalding
Title: Vice President, Intellectual Property
Alexion Pharmaceuticals, Inc.

STATE OF Connecticut:

:SS.

COUNTY OF New Haven:

On this 14th day of February, 2017, before me, the undersigned notary public,
personally appeared Todd Spalding, proved to me through satisfactory evidence of identification, which
consisted of personally known to me, to be the person whose name is subscribed to the
foregoing Assignment, entitled to sign this Assignment on behalf of the Assignee, and acknowledged that
he/she executed the same as his/her free act and deed for the purposes therein contained.

Darlene Suariz

Notary Public

My Commission Expires: 5/31/2021

[Notary's Seal Here]



ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Douglas L. SHERIDAN	Branford	Connecticut
Paul P. TAMBURINI	Kensington	Connecticut
Taneisha Ann-Tanara MACK	East Hampton	Connecticut
Walter C. VOEGTLI	Killingworth	Connecticut

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Alexion Pharmaceuticals, Inc.	Delaware	100 College Street New Haven, CT 06510 United States of America

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

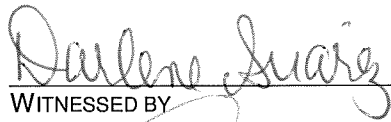
Title of Application	Filing Date	Serial Number
MONOVALENT ANTI-PROPERDIN ANTIBODIES AND ANTIBODY FRAGMENTS	January 30, 2018	PCT/US2018/15985

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

ASSIGNORS


Douglas L. SHERIDAN

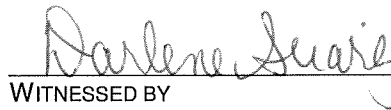
FEB 2, 2018
DATED


WITNESSED BY

Darlene Suarez
PRINTED NAME OF THE WITNESS


Paul P. TAMBURINI

FEB. 02, 2018
DATED


WITNESSED BY

Darlene Suarez
PRINTED NAME OF THE WITNESS

Taneisha Ann-Tanara MACK

DATED

WITNESSED BY

PRINTED NAME OF THE WITNESS

Walter C. VOEGTLI

DATED

WITNESSED BY

PRINTED NAME OF THE WITNESS

ASSIGNORS

Douglas L. SHERIDAN

DATED

WITNESSED BY

PRINTED NAME OF THE WITNESS

Paul P. TAMBURINI

DATED

WITNESSED BY

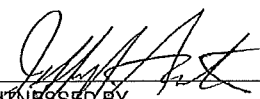
PRINTED NAME OF THE WITNESS



Taneisha Ann-Tanara MACK

February 2, 2018

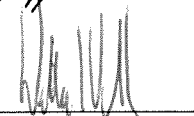
DATED



WITNESSED BY

Jeffrey Hunter

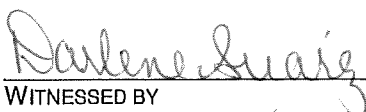
PRINTED NAME OF THE WITNESS



Walter C. VOEGTLI

6 Feb 2018

DATED



WITNESSED BY
Darlene Suarez

Darlene Suarez

PRINTED NAME OF THE WITNESS

ASSIGNEE



Signature of the Representative of
Alexion Pharmaceuticals, Inc.

Feb. 8, 2018
DATED

Representative Name: Todd Spalding

Representative Title: V.P., Head of Intellectual Property