

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5066467

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAKESH K. SINGH	08/18/2017
RICHARD G. MOORE	08/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WOMEN & INFANTS HOSPITAL OF RHODE ISLAND
<b>Street Address:</b>	101 DUDLEY STREET
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02905
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15990235
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	Ekmcquaid@mintz.com, ipdocketingBOS@mintz.com
<b>Correspondent Name:</b>	MINTZ LEVIN
<b>Address Line 1:</b>	1 FINANCIAL CENTER
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111
<b>ATTORNEY DOCKET NUMBER:</b>	051244-505D01US
<b>NAME OF SUBMITTER:</b>	INGRID A. BEATTIE
<b>SIGNATURE:</b>	/Ingrid A. Beattie/
<b>DATE SIGNED:</b>	07/25/2018
<b>Total Attachments: 8</b>	
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**ASSIGNMENT BY INVENTOR(S)**

THIS ASSIGNMENT, made this 18<sup>th</sup> day of August, <sup>2017 *renew*</sup> ~~2016~~, by  
**Rakesh K. Singh and Richard G. Moore** (hereinafter referred to as Assignors), residing  
at **7 Church Street, Barrington, RI 02806 and 379 Bridlewood Lane, Victor, NY**  
**14564**, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in  
**NOVEL 7-DEHYDROCHOLESTEROL DERIVATIVES AND METHODS USING SAME**,  
set forth in an application for Letters Patent of the United States, already filed on **October**  
**7, 2016** as U.S. Application No. **15/302,898** which is the U.S. national phase of  
**PCT/US2015/024682** filed **April 7, 2015**; and

**WHEREAS**, **Women & Infants Hospital of Rhode Island**, a hospital  
organized under and pursuant to the laws of Rhode Island having its principal place of  
business at **101 Dudley Street, Providence, RI 02905** (hereinafter referred to as  
Assignee), is desirous of acquiring the entire right, title and interest in and to said  
inventions and said Application for Letters Patent of the United States, and in and to any  
Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good  
and sufficient consideration, the receipt of which is hereby acknowledged, Assignors  
has/have sold, assigned, transferred and set over, and by these presents do sell, assign,  
transfer and set over, unto Assignee, its successors, legal representatives and assigns,  
the entire right, title and interest in and to the above-mentioned inventions and application  
for Letters Patent, and in and to any and all direct and indirect divisions, continuations  
and continuations-in-part of said application, and any and all Letters Patent in the United  
States and all foreign countries which may be granted therefor and thereon, and reissues,  
reexaminations and extensions of said Letters Patent, and all rights under the  
International Convention for the Protection of Industrial Property, along with all rights of  
priority created by said patent application under any treaty relating thereto (including the

right to claim priority to said patent application, e.g., under the International Convention for the Protection of Industrial Property and the European Patent Convention), the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor(s), had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said invention and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

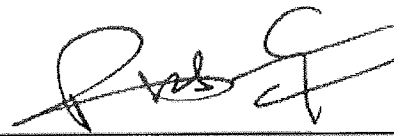
**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**SAUL EWING LLP**

All practitioners at Customer Number **78905**

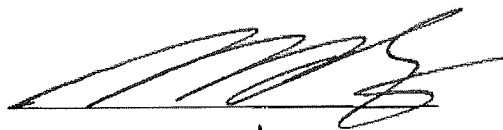
**AND** Assignors Acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

8/18/2017  
Date

  
Rakesh K. Singh

**Witness:**

8/18/2017  
Date

  
Kyu Kwang Kim PhD

\_\_\_\_\_  
Date

\_\_\_\_\_  
Richard G. Moore

**Witness:**

\_\_\_\_\_  
Date

**ASSIGNMENT BY INVENTOR(S)**

THIS ASSIGNMENT, made this 8 day of August, 2016, by 2017 FW  
Rakesh K. Singh and Richard G. Moore (hereinafter referred to as Assignors), residing  
at 7 Church Street, Barrington, RI 02806 and 379 Bridlewood Lane, Victor, NY  
14564, respectively;

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transfer and set over, unto Assignee, its successors, legal representatives and assigns,  
the entire right, title and interest in and to the above-mentioned inventions and application  
for Letters Patent, and in and to any and all direct and indirect divisions, continuations  
and continuations-in-part of said application, and any and all Letters Patent in the United  
States and all foreign countries which may be granted therefor and thereon, and reissues,  
reexaminations and extensions of said Letters Patent, and all rights under the  
International Convention for the Protection of Industrial Property, along with all rights of  
priority created by said patent application under any treaty relating thereto (including the

right to claim priority to said patent application, *e.g.*, under the International Convention for the Protection of Industrial Property and the European Patent Convention), the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor(s), had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said invention and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.



AND Assignors hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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 for recordation of this document:

**SAUL EWING LLP**

All practitioners at Customer Number 78905

AND Assignors Acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rakesh K. Singh

Witness:

\_\_\_\_\_  
Date

08/08/2017  
Date

Richard G. Moore  
Richard G. Moore

Witness:

8/8/2017  
Date

Emily Moore