PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5060266

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| ARI ISAACS | 07/20/2018 |

RECEIVING PARTY DATA

| Name: | IP MED, INC. |
|-----------------|-----------------------|
| Street Address: | 3571 HARGALE ROAD |
| City: | OCEANSIDE |
| State/Country: | NEW YORK |
| Postal Code: | 11572 |
| Name: | ACERUS BIOPHARMA INC. |
| Street Address: | 2486 DUNWIN DR. |
| City: | MISSISSAUGA, ONTARIO |
| State/Country: | CANADA |
| Postal Code: | L5L1J9 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16071648 |

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 212-940-8800

Email: nycuspto@kattenlaw.com

Correspondent Name: KATTEN MUCHIN ROSENMAN LLP

Address Line 1: 575 MADISON AVENUE

Address Line 4: NEW YORK, NEW YORK 10022-2585

| ATTORNEY DOCKET NUMBER: | INOV25749(100650-00180) |
|-------------------------|-------------------------|
| NAME OF SUBMITTER: | DAVID W. SCHALK |
| SIGNATURE: | /David W. Schalk/ |
| DATE SIGNED: | 07/20/2018 |

Total Attachments: 1

PATENT REEL: 046414 FRAME: 0021

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PATENT REEL: 046414 FRAME: 0022 Attorney Ref.: INOV 25749 (100650-00180)

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION

| Title of Invention | MEDICAMENT DELIVERY DEVICE AND METHOD | |
|--|---|--|
| As the below named inventor, I hereby declare that | | |
| This declarat is directed to | | |
| The above-ic | lentified application was made or authorized to be made by me. | |
| I believe that | I am the original inventor or an original joint inventor of a claimed invention in the application. | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | |
| In consideration of One Dollar (\$1.00) and other valuable consideration, the receipt and adequacy of which are hereby acknowledged, I hereby assign, convey, transfer, deliver, set over and vest to and in | | |
| | IP MED, INC. and ACERUS BIOPHARMA INC. | |
| a corporation of U.S. and Canada having a place of business at: 3571 Hargale Road, Oceanside, NY 11572, U.S. and 2486 Dunwin Dr., Mississauga, ON L5L1J9, Canada | | |
| its successors and assigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States, and any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions. | | |
| LEGAL NA | ME OF INVENTOR | |
| Inventor. | Ari ISAACS Date: 7/20/20/8 | |
| Signature: | ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must | |
| | s form. Use an additional form for each additional inventor. | |

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RECORDED: 07/20/2018

PATENT REEL: 046414 FRAME: 0023