PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5718357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES PATRICK KAMPF	07/26/2019
PAUL MCPHERSON	07/26/2019
DONALD CHALFIN	08/11/2019

RECEIVING PARTY DATA

Name:	ASTUTE MEDICAL, INC.
Street Address:	BLG 2, R. 645, 3550 GENERAL ATOMICS COURT
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16475326

CORRESPONDENCE DATA

Fax Number: (919)484-2081

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: 9194842351

Email: Denise.Ray@wbd-us.com

WOMBLE BOND DICKINSON (US) LLP **Correspondent Name:**

Address Line 1: P.O. BOX 7037

Address Line 2: IP DOCKET DEPARTMENT

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	A105893 1480US.PCT
NAME OF SUBMITTER:	DENISE M. RAY, PH.D.
SIGNATURE:	/denise m ray/
DATE SIGNED:	09/13/2019

Total Attachments: 6

source=AST-8166-US - Executed Assignments#page1.tif source=AST-8166-US - Executed Assignments#page2.tif source=AST-8166-US - Executed Assignments#page3.tif

PATENT REEL: 050371 FRAME: 0408 505671550

source=AST-8166-US - Executed Assignments#page4.tif source=AST-8166-US - Executed Assignments#page5.tif source=AST-8166-US - Executed Assignments#page6.tif

> PATENT REEL: 050371 FRAME: 0409

Attorney Docket No.: A105893 1480US.PCT

Page 1 of 3

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, <u>James Patrick KAMPF</u>, of San Diego, California, USA, <u>Paul MCPHERSON</u>, of Encinitas, California, USA, and <u>Donald CHALFIN</u>, of Berkeley, California, USA, each hereinafter collectively referred to as "Assignor," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention: METHODS AND COMPOSITIONS FOR EVALUATION

AND TREATMENT OF RENAL INJURY AND RENAL FAILURE BASED ON C-C MOTIF CHEMOKINE

LIGAND 14 MEASUREMENT

Filing Date:

July 1, 2019

Application No.:

16/475,326

WHEREAS, Astute Medical, Inc., a corporation organized and existing under the laws of the state of Delaware, and having its registered office at Blg 2, R. 645, 3550 General Atomics Court, San Diego, California 92121, USA (hereinafter referred to as "Assignee"), is desirous of acquiring all of Assignor's right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over unto the Assignee, and Assignees' successors, legal representatives, and assigns, all of the Assignor's right, title, and interest in and to the above-mentioned invention, the right to file applications on said invention and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the 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 Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had his/her sale and assignment not been made.

AND Assignor hereby covenants that Assignor has the full right to convey the interest assigned by this Assignment, and Assignor has not executed and will not execute any agreement in conflict with this Assignment,

WBD (US) 46863655v1

PATENT REEL: 050371 FRAME: 0410 AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated:

1. July 26, 2019.

Date

JULY 26, 2019.

Date

James Patrick KAMPF

Witness

THOMAS &

Printed Name of Witness

2. 26 N/2 2019 Date
They 26, 2019

Paul MCPHERSON

Witness

James . P. Kamp

Printed Name of Witness

Attorney Docket No.: A105893 1480US.PCT Page 3 of 3

Date	Donald CHALFIN
Date	Witness
	Printed Name of Witness
IN TESTIMONY WHEREOF, Ass	signee has signed his/her name on the date indicated
	ASTUTE MEDICAL, INC.
24 Juz 2019 Date	Paul MCPHERSON, CEO/CSO
July 26, 2019	Witness
Date	James P. Kampf
	Printed Name of Witness

REEL: 050371 FRAME: 0412

Attorney Docket No.: A105893 1480US.PCT

Page 1 of 3

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, James Patrick KAMPF, of San Diego, California, USA, Paul MCPHERSON, of Encinitas, California, USA, and Donald CHALFIN. of Berkeley, California, USA, each hereinafter collectively referred to as "Assignor," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention:

METHODS AND COMPOSITIONS FOR EVALUATION

AND TREATMENT OF RENAL INJURY AND RENAL FAILURE BASED ON C-C MOTIF CHEMOKINE

LIGAND 14 MEASUREMENT

Filing Date:

July 1, 2019

Application No.:

16/475,326

WHEREAS, Astute Medical, Inc., a corporation organized and existing under the laws of the state of Delaware, and having its registered office at Blg 2, R. 645, 3550 General Atomics Court, San Diego, California 92121, USA (hereinafter referred to as "Assignee"), is desirous of acquiring all of Assignor's right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over unto the Assignee, and Assignees' successors, legal representatives, and assigns, all of the Assignor's right, title, and interest in and to the above-mentioned invention, the right to file applications on said invention and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the 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 Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had his/her sale and assignment not been made,

AND Assignor hereby covenants that Assignor has the full right to convey the interest assigned by this Assignment, and Assignor has not executed and will not execute any agreement in conflict with this Assignment,

WBD (US) 46863655v1

Attorney Docket No.: A105893 1480US.PCT Page 2 of 3

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated:

Date	James Patrick KAMPF
Date	Witness
	Printed Name of Witness
· ·	
Date	Paul MCPHERSON
Date	Witness
	Printed Name of Witness

Date 3 11 2019 Date	Donald CHALFIN Witness Lynn D. SILVEL Printed Name of Witness
IN TESTIMONY WHEREOF, As	signee has signed his/her name on the date indic
	ACTITE APPLICATING
Date	Paul MCPHERSON, CEO/CSO
Date Date	

WBD (US) 46863655v1

PATENT REEL: 050371 FRAME: 0415

RECORDED: 09/13/2019