506105334 06/12/2020

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6152056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THE COOPER HEALTH SYSTEM	02/21/2019
JUDITH T. CARPENTER	02/27/2019
JEFFREY CARPENTER	02/27/2019
SPENCER BROWN	02/24/2019

RECEIVING PARTY DATA

Name:	STEMPLANT, LLC	
Street Address:	403 HADDON AVENUE	
City:	CAMDEN	
State/Country:	NEW JERSEY	
Postal Code:	08103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16337962

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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Email: efiling@knobbe.com

KNOBBE, MARTENS, OLSON & BEAR, LLP **Correspondent Name:**

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Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER:	STEMP.001NP	
NAME OF SUBMITTER:	TER: DEVANIE DUFOUR	
SIGNATURE:	/Devanie DuFour/	
DATE SIGNED:	06/12/2020	

Total Attachments: 2

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PATENT REEL: 052931 FRAME: 0605 506105334

ASSIGNMENT & DECLARATION

WHEREAS, We, The Cooper Health System and Judith T. Carpenter, M.D. (hereinafter the "Assignors"), residing at One Cooper Plaza, Camden, NJ 08103 and 34 Cove Rd., Moorestown, NJ 08057 (respectively), believe we are the joint owners of certain inventions or improvements claimed and/or disclosed as follows "Method and Apparatus for Delivery of Cell Therapies to the Intima, Subintimal Space, Media, Adventitia, or Periadventitial Space From Within the Lumen of the Vessel," which is the subject of international patent application PCT/US2017/000073; and

WHEREAS, Jeffrey Carpenter, M.D. and Spencer Brown, Ph.D., are employees of The Cooper Health System and are co-inventors of the above-described invention; and have previously assigned all right, title, and interest therein to The Cooper Health System; and

WHEREAS, the above-identified application was made or authorized to be made by us.

WHEREAS, we hereby acknowledge that any willful false statement made in this Assignment & Declaration is punishable under 18 U.S.C 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Stemplant, LLC (hereinafter the "Assignee"), of 403 Haddon Avenue, Camden, NJ 08103 is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries, including the right to file, prosecute and to otherwise pursue said applications, in the name of Assignee as Applicant, and to said inventions or improvements in any and all jurisdictions.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, We, said Assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said Assignee, the entire right, title and interest in and to said invention or improvement and said application and any and all continuations, divisionals, non-provisionals, and renewals of and substitutes for said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said Assignee, to file prosecute and otherwise pursue, in the name of Assignee as Applicant, applications for Letters Patent in all countries, the same to be held and enjoyed by said Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent, respectively, may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND We hereby covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said applications and said Letters Patent to said Assignee, its successors, assigns, nominees, or legal representatives, and we agree to communicate to said Assignee or to its nominees all known facts respecting said inventions or improvements, said

PATENT REEL: 052931 FRAME: 0606 applications and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all such actions to be at the sole expense of Assignee.

AND, We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of the assignment.

IN WITNESS WHEREOF, We have hereunto set our hand and seal.

2/21/19	THE COPPER HEALTH SYSTEM
Date	Anthony Mazzarelli, M.D. Co-President
2/27/19	Judity T. Carperser
Date	Judith T. Carpenter, M.D.
2/27/19	Commence of the second
Date / /	Jeffrey. Carpenter, M.D.
02/24/14	Jun Ch
Date /	Spencer Brown, Ph.D.