## 505354042 03/01/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5400828

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA					
		Name	Execution Date		
KATHERINE SUZANNE		Name	02/19/2019		
NOLAN CHASE HANNIGAN			02/19/2019		
TRISTAN STUART BARNES			02/19/2019		
JEROME CONNOR			02/19/2019		
			02/10/2010		
RECEIVING PARTY DA	ТА				
Name:	CERAP	EDICS, INC.			
Street Address:	11025 C	OVER STREET, SUITE 1600			
City:	WESTMINSTER				
State/Country:	COLOR	DLORADO			
Postal Code:	80021				
	<b>T</b> - 1 - 1 - 4				
PROPERTY NUMBERS	Total: 1	Number	т		
Property Type		Number	-		
Application Number:1628		6281749	1749		
CORRESPONDENCE D	ΑΤΑ				
Fax Number:		617)428-7045			
		the e-mail address first; if that is un			
using a fax number, if p Phone:	-	if that is unsuccessful, it will be sel	nt via US Mail.		
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Address Line 4:	BOSTON, MASSACHUSETTS 02110				
ATTORNEY DOCKET NUMBER:		50517-030004	50517-030004		
NAME OF SUBMITTER:		JEFFREY J. ELLISON, PH.D.	JEFFREY J. ELLISON, PH.D.		
SIGNATURE:		/Jeffrey J. Ellison, Ph.D./	/Jeffrey J. Ellison, Ph.D./		
DATE SIGNED:		03/01/2019	03/01/2019		
Total Attachments: 3					
source=50517-030001 Ex		ssignment (Inventors to Cerapedics)#p ssignment (Inventors to Cerapedics)#p	-		

PATENT REEL: 048481 FRAME: 0106

Attorney Docket Nos.: 50517-030001 50517-030003

## ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Kalherine Suzanne Davis	Boulder	Colorado
Nolan Chase Hannigan	Lakewood	Colorado
Tristan Stuart Barnes	Louisville	Colorado
Jerome Connor	Doylestown	Pennsylvania

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address	
Cerapedics, Inc.	Delaware	11025 Dover Street, Suite 1600	
		Westminster, CO 80021	

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	
PROCESSES FOR COATING INORGANIC PARTICLES WITH A PEPTIDE OR PROTEIN USEFUL FOR IMPROVING CELLULAR ACTIVITY RELATED TO BONE GROWTH	February 22, 2018	62/634,159	
PROCESSES FOR COATING INORGANIC PARTICLES WITH A PEPTIDE OR PROTEIN USEFUL FOR IMPROVING CELLULAR ACTIVITY RELATED TO BONE GROWTH	April 20, 2018	62/660,465	

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 Ioreign 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.

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Altorney Docket Nos.: 50517-030001 50517-030003

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>CERAPEDICS</u> this 19 day of <u>February</u> , 2019.
1915 19 day of reprivary 2019.
Katherine Suzanne Davis
STATE OF <u>COLOTADO</u> : COUNTY OF <u>LEFRISON</u> : :ss.
On this <u>M</u> <sup>th</sup> day of <u>FLONMIN</u> , 20 <u>19</u> , before me, the undersigned notary public, personally appeared Katherine Suzanne Davis, proved to me through satisfactory evidence of identification, which consisted of <u>PErsonal Encular Spectral Encular</u> , 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.
PUBLIC Notary Public Nutrice Seal Head Notary Seal Head Notary Public Nutrice Seal Head Notary Public Nutrice Seal Head Notary Public
IN WITNESS WHEREOF, I hereto set my hand and seal at <u>CERAPEDICS</u> this 19 day of <u>FEBRUARY</u> , 2019. <u>AL</u> <u>H</u> Nolan Chase Matinigan
STATE OF <u>COLOMODE</u> : COUNTY OF <u>JLAFFLISCH</u> :

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On this <u>A<sup>C</sup></u> day of <u>FLOUCIO</u>, 20 before me, the undersigned notary public, personally appeared Nolan Chase Hannigan, proved to me through satisfactory evidence of identification, which consisted of <u>personal knowledged to be the person whose name is subscribed</u> to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



omis Notary Public

My Commission Expires: 0万/22/2020

Page 2 of 4

			Attorney Docket Nos.: 50517-030001 50517-030003
IN WITNESS WHEREOF, I hereto s this <u>1</u> day of <u>Setemation</u>	et my hand and seal at 	Cenipedius	,
The second se			L.S.
Tristan Stuart Barnes			
	: :\$\$.		
COUNTY OF JUANSON	* **		
On this <u>11</u> day of <u>1</u> personally appeared Tristan Stu which consisted of <u>COLORADOR</u> to the foregoing Assignment, an deed for the purposes therein co	1/ 02/11/2015/23/94-122-01 d acknowledged that he/s	before me, the undersigned through satisfactory eviden to be the person whose he executed the same as h	name is subscribed
THE MOOD	Many Public	McComis	
PUBLIC / OF Alyotary's Seatcherel	My Commission Expires	may 22,2	020
IN WITNESS WHEREOF, I hereto s	et my hand and seal at	Cerepedicy	
this 19 day of <u>fabrue</u>	$A \sim $	Į	and the second se
Jerame Connar	f>		~~~~~ <sup>k</sup> ***
STATE OF COLOTADOV			
COUNTY OF JLAFLISDY	~		
On this <u>M</u> day of <u>E</u> personally appeared Jerome Co consisted of <u>Prosylv(Ini&amp;Ixiv)</u> foregoing Assignment, and ackr the purposes therein contained.	<u><pre>cludenSet210570822</pre></u> to I nowledged that he/she ex	e the person whose name	is subscribed to the
NOTARY IN	Alamyta R	<u>McComi</u>	Xee

Page 3 of 4

My Commission Expires: May 22, 2026

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