PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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BORIS A. KASHEMIROV	08/12/2019
ERIC T. RICHARD	06/13/2019

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Property Type	Number			
Application Number:	16623740			

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NAME OF SUBMITTER:	DHARTI SHAH
SIGNATURE:	/Dharti Shah/
DATE SIGNED:	09/03/2021

Total Attachments: 3

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PATENT 506854299 REEL: 057385 FRAME: 0817

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the PCT international patent application entitled: AN OSTEOADSORPTIVE FLUOROGENIC SUBSTRATE OF CATHEPSIN K FOR IMAGING OSTEOCLAST ACTIVITY AND MIGRATION (Atty. Docket No. UCLAP190WO-UC-217-723-2-LA), and

(1) for which I am a named inventor on a PCT international patent application that designates the U.S.;

AND/OR

(2) the same having been filed on July 13, 2018 as PCT Application No. PCT/US2018/042132;

AND/OR

(3) which claims	priority	to U.S.	[Provisional]	Patent Application	filed on	() as
Application No.						

in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 22434 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, hereby:

- 1) Sell, assign and transfer to University of Southern California, a California corporation having a place of business at 1150 South Olive Street, Suite 2300, Los Angeles, California 90015, USA ("ASSIGNEE"), the entire right, title and interest, including the right to claim priority, in the above-referenced PCT international application including any and all improvements and inventions disclosed therein, and in any U.S. and foreign applications (e.g., national phase applications) based upon, and U.S. and foreign patents based upon, the above-referenced PCT international application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said PCT international application, as well as any derivative applications thereof, any U.S. and foreign national phase patent applications based on the above-referenced PCT international patent application, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the named inventor, as well as the named inventor's heirs, legal representatives and assigns.

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5) cont		represent that I have not entered, and will not enter into any assignanding that conflicts with this assignment.	ament,
	Signed on th	ne date indicated beside my signature.	
1)	Signature: Typed Name:	CHARLES E MCKENNA Date: 8/8/19	7
2)	Signature: Typed Name:	Date: 3//2/BORIS A. KASHEMIROV	19
3}	Signature: Typed Name:	ERIC T. RICHARD	
REC		EREBY ACCEPTED BY ASSIGNEE, University of Southern Califo	ornia:
LOSSER.		Name: Keith Johnson Title: Senior Patent Advisor	······································

5) contrac		epresent that I have no iding that conflicts wit			enter in	to any assignment,
	Signed on the	date indicated beside	my sign	ature.		
)	Signature: Typed Name:	CHARLES E. MCKENN	A		Date:	<u></u>
2)	Signature: Typed Name:	BORIS A. KASHEMIRO	V	-	Date:	
3)	Signature: Typed Name:	S-22-L ERIC T. RICHARD			Date:	<u>6/13/19</u>
RECEI	IVED AND HE	REBY ACCEPTED BY	/ ASSIG	NEE, Universi	ity of Soi	uthern California:
Date:	October 1	10,2019	Name: Title:	Keith Johnson Senior Patent A	Advisor	

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RECORDED: 09/03/2021

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