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TO:PATENT ADMINISTRATOR COMPANY:GOODWIN PROCTER LLP

PATENT ASSIGNMENT					
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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY (DATA				
N			ame	Execution Date	
Ronan C. O'Hagan				01/30/2009	
H. Heidi Okamura				01/30/2009	
Alisa C. Bell				01/30/2009	
Jeanine Lorusso				01/30/2009	
RECEIVING PARTY D	·-	aceutů	cels Inc		
Street Address:	AVEO Pharmaceuticals, Inc				
Internal Address:	4th Floor				
City:	Cambridge				
State/Country:	MASSACHUSETTS				
Postal Code:					
PROPERTY NUMBER	RS Total: 1				<u> </u>
Property Type			Nuп	nber	
Application Number: 12360)790			
CORRESPONDENCE	DATA	•			
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Phone:	617-570				
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Address Line 2: Address Line 4:		_	ce SACHUSETTS 02109		
ATTORNEY DOCKET NUMBER:		AVO-005		<u>-</u> -	
NAME OF SUBMITTER:		Charlene Stern-Dombal		 -	
			<u></u>		

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GOODWIN PROCTER LLP

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PATENT

REEL: 022246 FRAME: 0121

<u>ASSIGNMENT</u>

WHEREAS, We, Ronan C. O'Hagan, H. Heidi Okamura, Alisa C. Bell, and Jeanine Lorusso; have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

IDENTIFYING CANCERS SENSITIVE TO TREATMENT WITH INHIBITORS OF NOTCH SIGNALING

and identified by

about to be fi	Attorney Docket No. AVO-005 and/or executed by us on even date herewith and led in the United States Patent Office; and
⊠ 2009; and	Serial No. 12/360,790, filed in the United States Patent Office on January 27,

WHEREAS, AVEO Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), a corporation having a business address at 75 Sidney Street, 4th Floor, Cambridge, MA, 02139, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority (including U.S. Provisional Patent Application Serial No. 61/080,122, filed July 11, 2008); said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignce of our entire right, title and interest therein;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

Inventor:

Commonwealth of Massachusetts)

County of

On this 30 day of JANUALL, 2009, before me, the undersigned Notary Public, personally appeared Ronan C. O'Hagan, proved to me through satisfactory evidence of identification, which was/were MA DRIVERS LICENSE, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

My Commission Expires: Feb. b, 2015

(Seal)



Page 2 of 4

Inventor:

Commonwealth of Massachusetts)

County of

) ss

On this 30 day of JANUARY 2009, before me, the undersigned Notary Public, personally appeared H. Heidi Okamura, proved to me through satisfactory evidence of identification, which or attached document, and who swore or affirmed to me that the contents of the document truthful and accurate to the best of his/her knowledge and belief.

Many Bout Signature of Notary

My Commission Expires: FEB. 6, 2015

Inventor:

Commonwealth of Massachusetts)

County of

On this 30 day of January, 2009, before me, the undersigned Notary Public, personally appeared Alisa C. Bell, proved to me through satisfactory evidence of identification, which was/were LAA. DRIVERS / ICEUSE, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Man + Bout
Signature of Notary

My Commission Expires: FEB. 6, 2015

Page 3 of 4

Inventor:

leanine Louisso

Commonwealth of Massachusetts)

County of

) ss

On this <u>30</u> day of <u>JANUARY</u>, 2009, before me, the undersigned Notary Public, personally appeared Jeanine Lorusso, proved to me through satisfactory evidence of identification, which was/were <u>DRIVERS LICENSE</u>, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Many Pout

(Seal)

My Commission Expires: FEB. 6, 2015

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RECORDED: 02/05/2009