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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3514051

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
MARTIN P. VACANTI			11/29/2010	
HARLES A. VACANT	l		01/19/2011	
	Λ Τ Λ			
RECEIVING PARTY DATA Name: VBI TECHNOLOGIES, L.L.C.				
Street Address:		355 POND STREET		
City:		UXBRIDGE		
State/Country:		MASSACHUSETTS		
Postal Code:	01569			
PROPERTY NUMBER	S Total: 1			
Property Type		Number		
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		4845641		
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Total Attachments: 3

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ASSIGNMENT

We, Martin P. Vacanti of 2220 Westchester Park, #6, Manhattan, Kansas 66503 and Charles A. Vacanti of 355 Pond Street, Uxbridge, Massachusetts 01569, in consideration of ten dollars and other valuable consideration paid to us by VBI Technologies, L.L.C., a corporation of the state of Texas, having its principal place of business at 355 Pond Street, Uxbridge, Massachusetts 01569 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "Subpopulations of Spore-Like Cells and Uses Thereof" described in U.S. Serial No. 12/944,342 filed in the United States Patent and Trademark Office on November 11, 2010 and International Application No. PCT/US2010/056340 filed in the United States Receiving Office for the Patent Cooperation Treaty on November 11, 2010, by Martin P. Vacanti and Charles A. Vacanti, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 61/260,607 filed in the United States Patent and Trademark Office on November 12, 2009, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or on said application, or any provisional, divisional, continuation, reissue, or other applications based thereon. And we agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries

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VAC 107 095150/00016

PATENT REEL: 036495 FRAME: 0681

U.S.S.N. 12/944,342 Title: *Subpopulations of Spore-Like Cells and Uses Thereof* By: Martin P. Vacanti and Charles A. Vacanti Filed; November 11, 2010 ASSIGNMENT

and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

WITNESS my hand and seal this $\frac{29}{2}$ day of $\underline{NoW\gamma Je_{p}}$ 2010.

Martin P. Vacanti

State of	Kansas)
County of	Ripley)

Then personally appeared the above named Martin P. Vacanti and acknowledged the foregoing instrument to be his free act and deed, before me this <u>291</u> day of <u>Natemater</u>, 2010.



Notary Public

My Commission expires:

45114145_1.DOC

VAC 107 095150/00016

PATENT REEL: 036495 FRAME: 0682 U.S.S.N. 12/944,342 Title: Subpopulations of Spore-Like Cells and Uses Thereof By: Martin P. Vacanti and Charles A. Vacanti Filed: November 11, 2010 ASSIGNMENT

2011 WITNESS my hand and seal this 201ø. day of way harles A. Vacanti State of aco ach

County of

Then personally appeared the above named Charles A. Vacanti and acknowledged the foregoing instrument to be his free act and deed, before me this _____ day of

_____, 2010.

Notary Public

My Commission expires:

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VAC 107 095150/00016