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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Beatrice H. Hahn	08/28/2007
Frederic Bibollet-Ruche	08/28/2007

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11816624

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NAME OF SUBMITTER: Destiny M. Davenport

Total Attachments: 2

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PATENT REEL: 021825 FRAME: 0840

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

UAB Research Foundation University of Alabama - Birmingham 701 South 20th Street (Suite 1120) Birmingham, AL 35294-0111

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "MOLECULAR SCAFFOLDS FOR HIV-1 IMMUNOGENS"

as set forth in this United States Patent Application

	executed concurrently herewith
	executed on
	Application No. <u>11/816,624</u> ; filed <u>August 18, 2007</u>
\boxtimes	Application claims priority from Application No. PCT/US2006/005363, filed February
	16, 2006, which claims the benefit of US Provisional Application Nos. 60/669,612 filed
	April 8, 2005, and 60/654,340 filed February 18, 2005, all applications listed above being
	hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions. specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

LEGAL02/30499386v1

PATENT REEL: 021825 FRAME: 0841 The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

,		\mathcal{O}
8/28/07	Je. G. a	
Date	Beatrice H. Hahn	
State of Alabama		
County of JEFFERSON		
I, ARTN D. Songre, a Nota certify that Beatrice H. Hahn personally appe execution of the foregoing instrument.	ry Public for said County and S ared before me this day and ack	tate, do hereby knowledged the due
Witness my hand and official seal, this the 2	ay of Augus?	, 2007.
(Official Seal)	Jaken D. Son	ngen
My commission expression expression at Laboratory My commission expression at Laboratory Public Underward		,
8/28/2007	Blob	
Date	Frederic Bibollet-Ruche	
State of Alabama		
County of JEffERSON		
I, Songer, a Notac certify that Frederic Bibollet-Ruche personall	ry Public for said County and St	tate, do hereby
certify that Frederic Bibollet-Ruche personall	y appeared before me this day a	and acknowledged
the due execution of the foregoing instrument	44	
Witness my hand and official seal, this the 2	day of Hugust	, 2007.
(Official Seal)	Laser & Su	
er en	Notary Public	gu
My commission expites SRY PUBLIC STATE OF ALABAMA A MY COMMISSION EXPIRES: Mar 3 BONDED THRE NOTARY PUBLIC UNDER	3, 2009	

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RECORDED: 11/12/2008