

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BETTE T. M. KORBER	11/28/2014
S. GNANAKARAN	01/22/2015
SIMON PERKINS	12/01/2014
RECEIVING PARTY DATA	
Name:	LOS ALAMOS NATIONAL SECURITY, LLC
Street Address:	LOS ALAMOS NATIONAL LABORATORY
Internal Address:	LC/IP
City:	LOS ALAMOS
State/Country:	NEW MEXICO
Postal Code:	87545
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15025806
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ATTORNEY DOCKET NUMBER:	8472-91895-03
NAME OF SUBMITTER:	SUSAN W. GRAF, PH.D.
SIGNATURE:	/Susan W. Graf/
DATE SIGNED:	04/01/2016
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Bette T.M. Korber, of Los Alamos, New Mexico, S. Gnanakaran, of Los Alamos, New Mexico, and Simon Perkins, of Los Alamos, New Mexico, have invented, with Barton Haynes and Joseph Sodroski, a certain invention(s), as described in the following patent applications:

U.S. Provisional Patent Application No. 61/884,696, filed on September 30, 2013, entitled "MOSAIC HIV ENVELOPE IMMUNOGENIC POLYPEPTIDES," and

PCT Patent Application No. PCT/US2014/058443, filed on September 30, 2014, entitled "MOSAIC HIV ENVELOPE IMMUNOGENIC POLYPEPTIDES,"

which applications are collectively referred to as "the patent applications."

WHEREAS, Los Alamos National Security, LLC, a corporation organized under the laws of the State of Delaware, having a place of business at Los Alamos National Laboratory, LC/IP, Los Alamos, NM 87545, desires to acquire an interest therein:

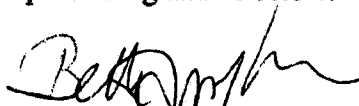
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bette T.M. Korber, S. Gnanakaran, and Simon Perkins hereby sell, assign, and transfer to Los Alamos National Security, LLC, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Los Alamos National Security, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Los Alamos National Security, LLC, or its successors and assigns, any facts

known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Los Alamos National Security, LLC, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to Los Alamos National Security, LLC.

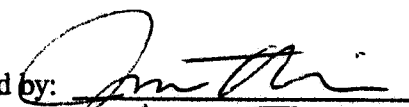
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.



Bette T.M. Korber

At Santa Fe, New Mexico
(City and State)
on this 28th day of Nov., 2014.

Witnessed by: 
Print Name: James Theiler
Date: 11/28/2014

S. Gnanakaran

At _____
(City and State)
on this ___ day of _____, 20___.

Witnessed by: _____
Print Name: _____
Date: _____

S Perkins

Simon Perkins

At Boulder, CO

(City and State)

on this 1st day of December, 2014.

Witnessed by: *Brian Shucker*

Print Name: Brian Shucker

Date: 2 Dec 2014

ASSIGNMENT

WHEREAS, we, Bette T.M. Korber, of Los Alamos, New Mexico, S. Gnanakaran, of Los Alamos, New Mexico, and Simon Perkins, of Los Alamos, New Mexico, have invented, with Barton Haynes and Joseph Sodroski, a certain invention(s), as described in the following patent applications:

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bette T.M. Korber, S. Gnanakaran, and Simon Perkins hereby sell, assign, and transfer to Los Alamos National Security, LLC, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Los Alamos National Security, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Los Alamos National Security, LLC, or its successors and assigns, any facts

known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Los Alamos National Security, LLC, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to Los Alamos National Security, LLC.

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Executed at the place and date opposite our respective signatures below.

Bette T.M. Korber

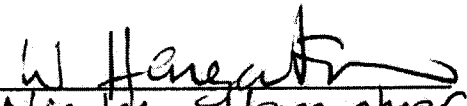
At _____
(City and State)
on this ____ day of _____, 20__.

Witnessed by: _____
Print Name: _____
Date: _____



S. Gnanakaran

At Los Alamos
(City and State)
on this 22 day of Jan, 2015.

Witnessed by: 
Print Name: Nicolas Hengartner
Date: January 22, 2015

Simon Perkins

At _____
(City and State)
on this ___ day of _____, 20__.

Witnessed by: _____
Print Name: _____
Date: _____