## 503965622 08/18/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4012277

Image: Second Strate S	SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
Name     Execution Date       THE UNIVERSITY OF TEXAS AT AUSTIN     08/04/2011       RECEIVING PARTY DATA     08/04/2011       RECEIVING PARTY DATA     DARPA       Street Address:     675 N. Randolph St.       City:     Arlington       State/Country:     VIRGINIA       Postal Code:     22203   PROPERTY NUMBERS Total: 1       Property Type     Number       Application Number:     13109467   CORRESPONDENCE DATA Fax Number:    CORRESPONDENCE DATA Fax Number:    CORRESPONDENCE DATA Fax Number:    Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number,	NATURE OF CONVEYANCE:		EXECUTIVE ORDER 9424, C	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
THE UNIVERSITY OF TEXAS AT AUSTIN       08/04/2011         RECEIVING PARTY DATA         Name:       DARPA         Street Address:       675 N. Randolph St.         City:       Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA         Fast Number:         (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent sing a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:         HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY/	CONVEYING PARTY	DATA			
RECEIVING PARTY DATA         Name:       DARPA         Street Address:       675 N. Randolph St.         City:       Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent sing a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-10052         AME OF SUBMITTER:       KIMBERLY DOWNEY/			Name	Execution Date	
Name:       DARPA         Street Address:       675 N. Randolph St.         City:       Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Fax Number:         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY/	THE UNIVERSITY OF	TEXAS AT	AUSTIN	08/04/2011	
Name:       DARPA         Street Address:       675 N. Randolph St.         City:       Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Fax Number:         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY/					
Street Address:       675 N. Randolph St.         City:       Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Fax Number:         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY/	RECEIVING PARTY D	ΑΤΑ			
Arlington         State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Fax Number:         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       /KIMBERLY DOWNEY/	Name:	DARPA	À.		
State/Country:       VIRGINIA         Postal Code:       22203         PROPERTY NUMBERS Total: 1       Property Type         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA       Fax Number:         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY         GNATURE:       /KIMBERLY DOWNEY/	Street Address:	675 N. R	. Randolph St.		
Protection y:       22203         PROPERTY NUMBERS Total: 1           Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA           Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY         GNATURE:       /KIMBERLY DOWNEY/	City:	Arlingtor	igton		
PROPERTY NUMBERS Total: 1         Property Type       Number         Application Number:       13109467         CORRESPONDENCE DATA         Fax Number:       (703)469-2068         CORRESPONDENCE DATA         Fax Number:       (703)469-2068         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.         Phone:       703-696-2246         Email:       barry.kinney.ctr@darpa.mil         Correspondent Name:       KIMBERLY DOWNEY         Address Line 1:       OFFICE OF GENERAL COUNSEL         Address Line 2:       675 N. RANDOLPH ST.         Address Line 4:       ARLINGTON, VIRGINIA 22203         TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY         GNATURE:       /KIMBERLY DOWNEY/	State/Country:	VIRGINI	JINIA		
Property TypeNumberApplication Number:13109467Application Number:13109467CORRESPONDENCE DATAFax Number:(703)469-2068Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-10052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	Postal Code:	22203	3		
CORRESPONDENCE DATA Fax Number: (703)469-2068 Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail. Phone: 703-696-2246 Email: barry.kinney.ctr@darpa.mil Correspondent Name: KIMBERLY DOWNEY Address Line 1: OFFICE OF GENERAL COUNSEL Address Line 2: 675 N. RANDOLPH ST. Address Line 4: ARLINGTON, VIRGINIA 22203 TTORNEY DOCKET NUMBER: HR0011-10-1-0052 AME OF SUBMITTER: KIMBERLY DOWNEY IGNATURE: /KIMBERLY DOWNEY/					
Fax Number:(703)469-2068Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/				_	
Fax Number:(703)469-2068Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/					
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	CORRESPONDENCE	DATA			
Jusing a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	Fax Number:	(7	,		
Phone:703-696-2246Email:barry.kinney.ctr@darpa.milCorrespondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/		_			
Correspondent Name:KIMBERLY DOWNEYAddress Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	Correspondence will				
Address Line 1:OFFICE OF GENERAL COUNSELAddress Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	Correspondence will	if provided;	if that is unsuccessful, it will be		
Address Line 2:675 N. RANDOLPH ST.Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	Correspondence will using a fax number, a	i <b>f provided;</b> 7	<b>if that is unsuccessful, it will be</b> 703-696-2246		
Address Line 4:ARLINGTON, VIRGINIA 22203TTORNEY DOCKET NUMBER:HR0011-10-1-0052AME OF SUBMITTER:KIMBERLY DOWNEYIGNATURE:/KIMBERLY DOWNEY/	<i>Correspondence will using a fax number, i</i> Phone: Email:	if provided; 7 b e: K	t <b>if that is unsuccessful, it will be</b> 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY		
TTORNEY DOCKET NUMBER:       HR0011-10-1-0052         AME OF SUBMITTER:       KIMBERLY DOWNEY         IGNATURE:       /KIMBERLY DOWNEY/	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1:	i <b>f provided;</b> 7 b <b>:</b> K C	<b>if that is unsuccessful, it will be</b> 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL		
AME OF SUBMITTER: KIMBERLY DOWNEY IGNATURE: /KIMBERLY DOWNEY/	Correspondence will using a fax number, a Phone: Email: Correspondent Name Address Line 1: Address Line 2:	i <b>f provided;</b> 7 b <b>:</b> K C 6	<b>if that is unsuccessful, it will be</b> 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST.		
IGNATURE: /KIMBERLY DOWNEY/	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1:	i <b>f provided;</b> 7 b <b>:</b> K C 6	<b>if that is unsuccessful, it will be</b> 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST.		
	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	if provided; 7 b : K C 6 A	<b>if that is unsuccessful, it will be</b> 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST. ARLINGTON, VIRGINIA 22203		
ATE SIGNED: 08/18/2016	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	if provided; 7 b : K C 6 A NUMBER:	if that is unsuccessful, it will be 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST. ARLINGTON, VIRGINIA 22203		
	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	if provided; 7 b : K C 6 A NUMBER:	if that is unsuccessful, it will be 703-696-2246 parry.kinney.ctr@darpa.mil (IMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST. ARLINGTON, VIRGINIA 22203 HR0011-10-1-0052 KIMBERLY DOWNEY		
otal Attachments: 1 ource=13109467 Confirmatory Assignment#page1.tif	Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	if provided; 7 b : K C 6 A NUMBER:	if that is unsuccessful, it will be 703-696-2246 parry.kinney.ctr@darpa.mil KIMBERLY DOWNEY DFFICE OF GENERAL COUNSEL 075 N. RANDOLPH ST. ARLINGTON, VIRGINIA 22203 HR0011-10-1-0052 KIMBERLY DOWNEY /KIMBERLY DOWNEY/		



OFFICE OF TECHNOLOGY COMMERCIALIZATION

THE UNIVERSITY OF TEXAS AT AUSTIN

WPR Building Mail Code R3500 • 3925 W. Braker Lane Suite 1.9A • Austin, TX 78759 (512) 471-2995 • Fax: (512) 475-6894 • www.otc.utexas.edu

## License to the United States Government 5855 GEO

Invention Title: A General Method for the Rapid Generation of Monoclonal Antibodies in Any Animal

Inventor(s): George Georgiou

Application Serial No.: 13/109,467 U.S. Filing Date: 5/17/2011

Patent No.:

U.S. Issue Date:

Foreign Applications filed/intended in (countries):

Funding Institution: DOD/DARPA Grant/Contract Number(s): HR0011-10-1-0052

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

- The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2) All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

\_\_\_\_\_\_day of <u>August</u> 2011. Signed this

- By: Richard A Miller, M.D., Associate Vice President for Research The University of Texas at Austin
- For: Office of Technology Commercialization The University of Texas at Austin 3925 W. Braker Lane, Ste 1.9 A Austin, TX 78759

## **RECORDED: 08/18/2016**