## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3024607

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

### **CONVEYING PARTY DATA**

Name	Execution Date
BROAD INSTITUTE, INC.	08/06/2014

### **RECEIVING PARTY DATA**

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14293498	

#### **CORRESPONDENCE DATA**

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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.

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NAME OF SUBMITTER:DIRECTOR, DEITR, NIHSIGNATURE:/Director, DEITR, NIH/DATE SIGNED:09/16/2014

**Total Attachments: 1** 

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PATENT 502978008 REEL: 033753 FRAME: 0847

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Sign and submit the executed documer	nt to the appropriate funding agen	cy (e.g. upload in iEdison).		
invention Title: Engineering and	Optimization of Impro	ved Systems, Metho	ods, and Enzyme	
Compositions for Sequence	Manipulation			
nventor(s): Fei Ran, Feng Zha	ng			
U.S. Filing/Issue Date:06/02/201	4			
Patent or Application Serial No.: $\frac{14}{100}$	(293,498			
Grant/Contract Number(s): MH1007	06, NS073124, OD009552			
Foreign Applications filed/intended	in (countries):			
The invention identified above is a set 37 CFR 401.14, FAR 52.227-11 dentified grant or contract award	or FAR 52.227-12 (if applic	able) which are include	d among the terms of the	
<ol> <li>The nonexclusive, nontransfer United States the invention of continuations in part, and in an</li> <li>All other rights acquired by the regulations that are applicable</li> </ol>	escribed in any patent appli y and all patents and re-issue Government by reason of the	cation and in any and a granted thereon through	all divisions, continuation shout the world; and	ns, and
The Government is hereby grante application.	d an irrevocable power to ir	spect and make copie	s of the above-identified	patent
Signed this 6th	day of August	28-14		
<sup>By</sup> Ellen Law				
(Institutional Business (	•	(Signature)		
TitleDirector, Intellectual Prop	erty Counsel	- Control of the Cont		

PATENT REEL: 033753 FRAME: 0848

RECORDED: 09/16/2014

For BROAD INSTITUTE, INC.

(Grantee/Contractor Organization)

(Business Address)

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