502907711 07/25/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2954308

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

CONVEYING PARTY DATA

Name	Execution Date
MICHIGAN STATE UNIVERSITY	10/22/2009

RECEIVING PARTY DATA

Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7198933

CORRESPONDENCE DATA

Fax Number: (703)292-9041

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.

Email: nsfpatents@nsf.gov

Correspondent Name: NATIONAL SCIENCE FOUNDATION

Address Line 1: 4201 WILSON BLVD

Address Line 2: ROOM 1265

Address Line 4: ARLINGTON, VIRGINIA 22230

NAME OF SUBMITTER:	DANA THIBODEAU
SIGNATURE:	/DT/
DATE SIGNED:	07/25/2014

Total Attachments: 1 source=68#page1.tif

PATENT 502907711 REEL: 033418 FRAME: 0335

License to the United States Government

RECORDED: 07/25/2014

Sig	n and Fax this to (301) 480-0272
inve	ention Title: Genetically engineered thermoacid stable glucose isomerase (TNX11F1)
iove	mlor(s): Dinlaka Sriprapundh, Claire Vieille, J S Zeikus
U.S	. Filing/Issue Date: 4/3/2007
Pal	ent or Application Senal No.: 7198933
Gra	nt/Contract Number(s): BES0115754
For	eign Applications filed/intended in (countries):
at 3	invention identified above is a Subject Invention under 35 U.S.C. 200, et seq. , and the Standard Patent Rights clause 7 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above ntified grant or contract award from the United State Government. This document is confirmatory of:
1. 2,	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 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.
	Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent fication.
Sigi By	ned this <u>QQ</u> day of <u>October</u> ,20 <u>69</u> . Michael R. Palanala — — — — — — — — — — — — — — — — — —
Tille	Assistant VVa Executive Director
For	MICHIGAN STATE UNIVERSITY (Grantee/Contractor Organization)
At p	ISU Technologies 3900 Collins Road Suite 1944 Lansing, MT 48910 US (Business Address)

PATENT REEL: 033418 FRAME: 0336