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PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
CARNEGIE-MELLON UNIVERSITY	05/10/2015

RECEIVING PARTY DATA

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

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Property Type	Number
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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:	/DMT/	
DATE SIGNED:	03/28/2016	

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: A Bi-state Closed-loop Control Technique at the Onset of the Bifurcation Point Inventor(s): Gary K Fedder, Gongshong Guo U.S. Filing/Issue Date: 02/20/2014 Patent or Application Serial No.: 61/966, 280 , 14/627,801 Grant/Contract Number(s): CNS0941497 Foreign Applications filed/intended in (countries): 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 State Government. This document is confirmatory of: 1. 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 above-identified patent application. By Robert A. Wooldridge (Institutional Business Official) Title Director, Center for Technology Transfer & Enterprise Creation, Carnegie Mellon University For CARNEGIE-MELLON UNIVERSITY (Grantee/Contractor Organization) Af CARNEGIE-MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH, PA 15213 (Business Address)

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