503941487 08/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3988142

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

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF MASSACHUSETTS, AMHERST	06/29/2016

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:	9335629

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

NATIONAL SCIENCE FOUNDATION Correspondent Name:

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:	08/02/2016	

Total Attachments: 1 source=2489#page1.tif

> **PATENT REEL: 039310 FRAME: 0272** 503941487

License to the United States Government

Invention Title: Self Assembly of Block Copolymers on Topographically Patterned Polymeric

Substrates (divisional)

Inventor(s): Thomas P. Russell, Soojin Park, Ting Xu, and Dong Hyun Lee

Patent or Application Serial No.: US 9,335,629

U.S. Filing/Issue Date: 05/10/2016

Grant/Contract Identification Number(s): N

NSK 0213695

DOE DE-FG02-96ER45612 DE-AC02-05CH11231

Foreign Application 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 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the United States 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 which are applicable to the award.

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

Signed this 29th day of June, 2016.

Ву:

Lyne Laliberté

Manager, Operations & Patent Administration

Technology Transfer Office University of Massachusetts 101 University Drive, Suite B6

Amherst, MA 01002

RECORDED: 08/02/2016

PATENT REEL: 039310 FRAME: 0273