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Street Address: 1000 Independence Ave., S.W.City: WashingtonState: D.C.Country: USA Zip: 20585Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

Serial No. 14/845,488☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Michael J. DobbsInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2164Fax Number: 630-252-2779Email Address: Confirmatory.License@ch.doe.gov**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____**

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PATENT

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Invention Title: Method of Forming Oriented Block Copolymer Line Patterns, Block Copolymer Line Patterns Formed thereby, and their use to Form Patterned Articles

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

Patent or Application Serial No.: USSN 14/845,488 (Divisional)

U.S. Filing/Issue Date: September 4, 2015

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Foreign Application filed/intended in (countries): n/a *R. Xu*

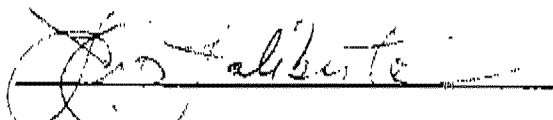
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Signed this 8th day of September, 2015.

By:



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