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PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| UNIVERSITY OF CHICAGO | 02/01/2012 |

RECEIVING PARTY DATA

| Name: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government | |
|-------------------|--|--|
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) | |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 | |
| City: | Bethesda | |
| State/Country: | MARYLAND | |
| Postal Code: | 20892-7980 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11174298 |

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Total Attachments: 1

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PATENT REEL: 027706 FRAME: 0130

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RECORDED: 02/15/2012

| Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). |
|---|
| Invention Title: Using pre-formed arrays of plugs of multiple reagents for high-throughput |
| reactions (crystallizations and assays) |
| Inventor(s): Bo Zheng, Rustem Ismagilov |
| U.S. Filing/Issue Date: 07/01/2005 |
| Patent or Application Serial No.: 11/174,298 |
| Grant/Contract Number(s): EB001903 |
| 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: |
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| Signed this day of, 20, 20, 20 |
| (Institutional Business Official) (Signature) |
| Title Director |
| For UNIVERSITY OF CHICAGO (Grantee/Contractor Organization) |
| At The University of Chicago, UChicagoTech 6030 S. Ellis 2nd Floor Chicago, IL 60637 US |
| (Rusiness Address) |

PATENT REEL: 027706 FRAME: 0131