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PATENT ASSIGNMENT

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CONVEYING PARTY DATA

| Name | Execution Date |
|--|----------------|
| University of Louisville Research Foundation, Inc. | 10/15/2012 |

RECEIVING PARTY DATA

| Name: | US Army, Secretary of the Army |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
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| Application Number: | 13639864 |

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Total Attachments: 1

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PATENT REEL: 029400 FRAME: 0249 ULRF: 10035

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|---|
| Invention Title: ANTIMETASTATIC CXCR4 INHIBITORS |
| Inventor(s): John O Trent, Jason Meier, Kelby Napier |
| U.S. Filing/Issue Date: 10/7/2012 |
| Patent or Application Serial No.: 13/639,864 |
| Grant/Contract Number(s): DAMD17-02-1-0446 |
| 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 15th day of October 2012. By Melea East |
| (Institutional Business Official) (Signature) |
| Title Interim Co-Director, Office of Technology Transfer |
| For UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. (Grantee/Contractor Organization) |
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PATENT REEL: 029400 FRAME: 0250

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