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PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| The Ohio State University | 05/22/2012 |

RECEIVING PARTY DATA

| IIName: | 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: | 13295692 |

CORRESPONDENCE DATA

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| Signature: | /Director, DEITR, NIH/ |
| Date: | 05/28/2013 |

Total Attachments: 1

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PATENT REEL: 030498 FRAME: 0274

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| Sig | n and Fax this to (301) 480-0272 |
|-------|--|
| Inve | ention Title; MicroRNA profile predicts colon cancer prognosis |
| Inve | entor(s): Aaron Schetter, Carlo Croce, Curtis Harris |
| u.s | . Filing/Issue Date: 11/14/2011 |
| Pate | ent or Application Serial No.: 13/295,692 |
| Gra | nl/Contract Number(s): P01 CA076259, P01 CA016058, P01 CA081534, P01 CA016672 |
| Fore | eign Applications filed/intended in (countries): n/a |
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| Sigr | ned this 22 day of May , 20 12 |
| Ву | Erin Bender Signature) (Name of Grantee/Contractor Official) (Signature) |
| Title | Senior Licensing Officer |
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| At _ | Technology Commercialization & Knowledge Transfer, 1216 Kinnear Road, Columbus OH 43212-1154 |
| | (Business Address) |

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PATENT REEL: 030498 FRAME: 0275

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