504685779 12/13/2017

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

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| SCRIPPS RESEARCH INSTITUTE | 12/01/2017 |

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) | |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09839821 |

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NAME OF SUBMITTER:DIRECTOR, DEITR, NIHSIGNATURE:/Director, DEITR, NIH/DATE SIGNED:12/13/2017

Total Attachments: 1

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PATENT 504685779 REEL: 044861 FRAME: 0558

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RECORDED: 12/13/2017

Sign and submit the executed document to the appropriate funding agency (e.g. upload in lEdison). invention Title: METHODS FOR USING FUNCTIONAL SITE DESCRIPTORS AND PREDICTING PROTEIN FUNCTION inventor(s): JACQUELINE FETROW, JEFFREY SKOLNICK U.S. Filing/Issue Date: 04/20/2001 Patent or Application Serial No.: 09/839,821 Grant/Contract Number(s): GM048835 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 States Government. This document is confirmatory of: 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 that 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 day of December Daniel Catron (Institutional Business Official) Title Director, Office of Technology Development For SCRIPPS RESEARCH INSTITUTE (Grantee/Contractor Organization) AlOffice of Technology Development 10550 North Torrey Pines Road, TPC-9 La Jolla, CA 92037

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