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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5998876

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|---|-------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| STEPHEN RILEY SUITOR  | 03/14/2019                          |
| <b>RECEIVING PARTY DATA</b>   |                                     |
| <b>Name:</b>  | RARE EARTH DYNAMICS, INC.           |
| <b>Street Address:</b>  | 1703 WEST CROCUS DR.                |
| <b>City:</b>  | RADCLIFF                            |
| <b>State/Country:</b>   | KENTUCKY                            |
| <b>Postal Code:</b>   | 40160                               |
| <b>PROPERTY NUMBERS Total: 2</b>  |                                     |
| <b>Property Type</b>  | <b>Number</b>                       |
| <b>Application Number:</b>  | 16532453                            |
| <b>Application Number:</b>  | 16398131                            |
| <b>CORRESPONDENCE DATA</b>  |                                     |
| <b>Fax Number:</b>  | (502)614-6980                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                     |
| <b>Phone:</b>   | 5026146970                          |
| <b>Email:</b>   | kduncan@dgeglaw.com                 |
| <b>Correspondent Name:</b>  | DUNCAN GALLOWAY EGAN GREENWALD PLLC |
| <b>Address Line 1:</b>  | 9625 ORMSBY STATION ROAD            |
| <b>Address Line 4:</b>  | LOUISVILLE, KENTUCKY 40223          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 113097.011US2                       |
| <b>NAME OF SUBMITTER:</b>   | KEVIN T. DUNCAN                     |
| <b>SIGNATURE:</b>   | /Kevin T. Duncan/                   |
| <b>DATE SIGNED:</b>   | 03/05/2020                          |
| <b>Total Attachments: 2</b>   |                                     |
| source=Assignment_RED_03-13-2019-signed#page1.tif   |                                     |
| source=Assignment_RED_03-13-2019-signed#page2.tif   |                                     |

**ASSIGNMENT OF INTELLECTUAL PROPERTY**

Whereas, I, Stephen Riley SUITOR, of Radcliff, KY, US am the inventor and holder of the entire rights in the following inventions and applications listed in Table 1 below ("Properties")

| <b><u>Application Number</u></b><br><b><u>(Patent No.)</u></b> | <b><u>Filing Date</u></b><br><b><u>(Issue Date)</u></b> | <b><u>Attorney Docket No.</u></b> | <b><u>Application Type</u></b> |
|--|---|-----------------------------------|--------------------------------|
| 15/702,713<br>(10,096,309)                                     | 01-05-2016)<br>(09-12-2017)                             | 113097.001US2                     | Non-provisional utility        |
| 16/155,836   | 10-09-2018  | 113097.001US4                     | Non-provisional utility        |
| 15/433,990<br>(10,079,008)                                     | 02-15-2017<br>(09-18-2018)                              | 113097.003US1                     | Non-provisional utility        |
| 15/456,471<br>(9,875,732)                                      | 03-10-2017<br>(01-23-2018)                              | 113097.004US1                     | Non-provisional utility        |
| 15/877,380   | 01-22-2018  | 113097.004US2                     | Non-provisional utility        |
| 62/686,657   | 06-18-2018  | 113097.010PRV                     | Provisional utility            |
| 62/448,388   | 01-19-2017  | 113097.011PRV                     | Provisional utility            |
| 62/448,953   | 01-20-2017  | 113097.011PRV2                    | Provisional utility            |
| 15/877,382   | 01-22-2018  | 113097.011US1                     | Non-provisional utility        |
| 62/714,596   | 08-03-2018  | 113097.013PRV                     | Provisional utility            |
| 62/738,931   | 09-28-2018  | 113097.013PRV2                    | Provisional utility            |

**TABLE 1**

; and

Whereas, Rare Earth Dynamics, Inc., a Kentucky corporation organized and existing under and by virtue of the laws of the state of Kentucky, and having an office and place of business at 1703 West Crocus Dr., Radcliff, KENTUCKY 40160, (“RED”) desires to acquire my entire right, title and interest in said Properties, and any additional United States or foreign applications and patents to be obtained therefor;

Now therefore, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said RED, its successors and assigns, my entire right, title and interest in said Properties for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all trademarks, trademark applications, patent applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country.

I also agree that RED may apply for foreign Trademarks and Letters Patent on said Properties, and agree to cooperate with said RED and to execute without additional consideration any additional documents as deemed necessary by said RED to apply for or maintain trademarks, patents, or other legal protection for said Invention in any country of the world.

Executed this the 14 day of March, 2019, at Radcliff,  
KY, USA (city, country).

Steve R Suitor  
Stephen Riley SUITOR

As witnessed by:

\_\_\_\_\_  
Witness