

## PATENT ASSIGNMENT COVER SHEET

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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>            |
| RENNOVIA INC.   | 02/14/2018                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
| <b>Name:</b>  | ARCHER-DANIELS-MIDLAND COMPANY   |
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| <b>City:</b>  | DECATUR                          |
| <b>State/Country:</b>   | ILLINOIS                         |
| <b>Postal Code:</b>   | 62526                            |
| <b>PROPERTY NUMBERS Total: 3</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 62086651                         |
| <b>Application Number:</b>  | 15417110                         |
| <b>Patent Number:</b>   | 9586920                          |
| <b>CORRESPONDENCE DATA</b>  |                                  |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 68244-20010.XX                   |
| <b>NAME OF SUBMITTER:</b>   | LISA N. SILVERMAN                |
| <b>SIGNATURE:</b>   | /Lisa N. Silverman/              |
| <b>DATE SIGNED:</b>   | 03/07/2018                       |
| <b>Total Attachments: 8</b>   |                                  |
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**ASSIGNMENT OF PATENTS**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Rennovia Inc., a Delaware corporation located at 3040 Oakmead Village Drive, Santa Clara, CA 95051 ("Seller"), hereby sells, assigns, transfers, and conveys to Archer-Daniels-Midland Company, a Delaware corporation located at 4666 E. Faries Parkway, Decatur, IL 62526 ("Buyer"), pursuant to the Asset Purchase Agreement dated as of February 15, 2018, by and between Seller and Buyer, all right, title, and interest in and to the patents and patent applications set forth on Exhibit A, attached hereto and incorporated by this reference herein, including all divisionals, continuations, continuations in part, reissues, reexaminations and foreign applications and patents that may claim priority thereto, together with all claims and causes of action with respect to any of the foregoing, including without limitation all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, breach, or default, and all other rights, privileges, and protections of any kind whatsoever of Seller accruing under any of the foregoing provided by any applicable law, treaty, or other international convention.

Seller hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this Assignment of Patents upon request by Buyer.

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed on this 15th day of February, 2018 by its duly authorized officer.

Rennovia Inc.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

By: Robert Wedinger  
Robert Wedinger, CEO

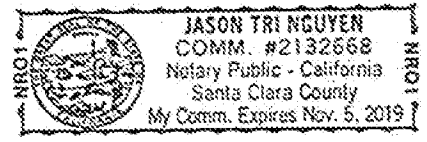
STATE OF CALIFORNIA )  
COUNTY OF SANTA CLARA ) ss.

On February 15<sup>th</sup>, 2018, before me, JASON TRI NGUYEN Notary Public, personally appeared Robert Wedinger, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

WITNESS my hand and official seal.

Signature Jason (Seal)  
24





|   |               |           |                   |   |
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| From Carbohydrate-Containing Materials and Intermediates Therefor |               | BR        | BR1120140175853   | 1/11/13   |
|   |               | CA        | 2860886           | 1/11/13   |
|   |               | CN        | ZL201380005573.7  | 6/29/16   |
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|   |               | EA        | 25555             | 1/30/17   |
|   |               | EP        | 13701538.4        | 1/11/13   |
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|   |               | ID        | P00 2014 04648    | 8/22/17   |
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| ZA  | 2015/05891    | 12/21/16  |                   |   |
| Process for Production of Adipic Acid from 1,6-Hexanediol         | Rennovia Inc. | AR        | P130102052        | 6/11/13   |
|   |               | AU        | 2013274530        | 6/11/13   |
|   |               | BR        | BR1120140308578   | 6/11/13   |
|   |               | CA        | 2876153           | 6/11/13   |
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|   |               | ID        | P00201500129      | 6/11/13   |
|   |               | IN        | 10882DELNP2014    | 6/11/13   |
|   |               | JP        | 6209603           | 9/15/17   |
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|  |                   | WO       | PCT/US2013/045096 | 6/11/13  |
| Process for Production of Hexanetriol from 5-Hydroxymethylfurfural   | Rennovia Inc.     | AU       | 2015358536        | 12/2/15  |
|  |                   | BR       | 1120170097540     | 12/2/15  |
|  |                   | CA       | 2968981           | 12/2/15  |
|  |                   | CN       | 2015800679867     | 12/2/15  |
|  |                   | EP       | 15819920.8        | 12/2/15  |
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| WO   | PCT/US2015/063544 | 12/2/15  |                   |          |
| ZA   | 2017/04316        | 12/2/15  |                   |          |
| Water Concentration Reduction Process                                | Rennovia Inc.     | AR       | P120104516        | 11/30/12 |
|  |                   | CA       | 2858815           | 11/30/12 |
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|  |                   | US       | 9216937           | 12/22/15 |
|  |                   | US       | 14/943,748        | 11/17/15 |
| WO   | PCT/US2012/067424 | 11/30/12 |                   |          |
| Process for the Separation of Mono- and Di-Carboxylic Acid Compounds | Rennovia Inc.     | AR       | P 120104517       | 11/30/12 |
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|  |                   | US       | 61/570,624        | 12/14/11 |
|  |                   | SA       | 4825              | 5/19/16  |
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| WO   | PCT/US2012/067436 | 11/30/12 |                   |          |
| Production of Caprolactam from Adipic Acid                           | Rennovia Inc.     | AR       | PI30100441        | 2/13/13  |
|  |                   | BR       | BR112014020642 2  | 2/13/13  |
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|  |               | IN    | 7028/DELNP/2014   | 2/13/13  |
|  |               | Japan | 2014-558764       | 2/13/13  |
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|  |               | WO    | PCT/US2013/025846 | 2/13/13  |
| Reduction Catalysts  | Rennovia Inc. | AR    | P130101661        | 5/14/13  |
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|  |               | HK    | 15108817.7        | 5/14/13  |
|  |               | ID    | P00201407733      | 5/14/13  |
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|  |               | WO    | PCT/US2013/040997 | 5/14/13  |
| Production of 1,6-Hexanediol from Adipic Acid                                    | Rennovia Inc. | EP    | 14772484.3        | 8/22/14  |
|  |               | HK    | 16114071.5        | 8/22/14  |
|  |               | JP    | 2016-536488       | 8/22/14  |
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|  |               | US    | 14/913,730        | 2/23/16  |
|  |               | WO    | PCT/US2014/052345 | 8/22/14  |
| Production of Adipic Acid and Derivatives from Carbohydrate-Containing Materials | Rennovia Inc. | US    | 61/268,414        | 6/13/09  |
|  |               | US    | 61/311,190        | 3/5/10   |
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|  |               | AU    | 2010259925        | 10/20/16 |
|  |               | BR    | PI1013086-1       | 6/11/10  |
|  |               | CA    | 2764116           | 8/8/17   |
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|  |              | HK | 12109260             | 6/11/10  |
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|  |              | NG | NG/C/2011/740        | 6/6/13   |
|  |              | NZ | 596972               | 7/1/14   |
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|  |              | PE | 2085.2011            | 6/11/10  |
|  |              | PH | 1-2011-502580        | 10/21/14 |
|  |              | TH | 1101003595           | 6/11/10  |
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| Production of Glutaric Acid and Derivatives from Carbohydrate-Containing Materials | Removia Inc. | US | 8785683              | 7/22/14  |
|  |              | WO | PCT/US2010/038419    | 6/11/10  |
|  |              | AE | P1263/11             | 6/11/10  |
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|  |              | MY | PI2011006006         | 6/11/10  |
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|  |              | NA | 622579               | 2/2/16   |
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|  |              | TH | 1101003596           | 6/11/10  |
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|  |              | US | 9174911              | 11/3/15  |
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| Production of Adipic Acid and Derivatives from Carbohydrate-Containing Materials | Rennovia Inc.    | US      | 8501989           | 8/6/13   |
|  |                  | WO      | PCT/US2010/038422 | 6/11/10  |
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|  |                  | HK      | 12109259.3        | 6/11/10  |
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|  |                  | IN      | 9998/DELNP/2011   | 6/11/10  |
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| ZA   | 2011/08808       | 6/24/15 |                   |          |
| US   | 8927768          | 1/6/15  |                   |          |
| Adipic Acid Composition  | Rennovia Inc.    | US      | 8669393           | 3/11/14  |
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|  |                  | MY      | PI 2012003934     | 12/13/10 |
|  |                  | NZ      | 601945            | 12/2/14  |
|  |                  | PH      | 1-2012-501760     | 12/13/10 |
|  |                  | TH      | 1201004530        | 12/13/10 |
| ZA   | 2012/06505       | 2/26/14 |                   |          |
| Preparation and Separation of a Di-Carboxylic Acid-Containing Mixture            | Rennovia Inc.    | AU      | 2015323913        | 9/29/15  |
|  |                  | BR      | 11 2017 005823 5  | 9/29/15  |
|  |                  | CA      | 2961036           | 9/29/15  |
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|  | MY | PI 2017700748     | 9/29/15 |
|  | US | 62/057,084        | 9/29/14 |
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