

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4832580

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
RENNOVIA INC.		02/15/2018
RECEIVING PARTY DATA		
Name:	ARCHER-DANIELS-MIDLAND COMPANY	
Street Address:	4666 E. FARIES PARKWAY	
City:	DECATUR	
State/Country:	ILLINOIS	
Postal Code:	62526	
PROPERTY NUMBERS Total: 60		
Property Type	Number	
Application Number:	62594957	
Application Number:	62514413	
Application Number:	61475177	
Patent Number:	9181194	
PCT Number:	US2012031284	
Application Number:	61588093	
Patent Number:	8853458	
Patent Number:	9035109	
Patent Number:	9518005	
Application Number:	14687894	
Patent Number:	9783473	
Application Number:	15195404	
Application Number:	15683150	
PCT Number:	US2013021315	
Application Number:	61658364	
Patent Number:	9035094	
Application Number:	14691356	
Application Number:	15295351	
PCT Number:	US2013045096	
Application Number:	62086651	

PATENT

Property Type	Number
Patent Number:	9586920
Application Number:	15417110
PCT Number:	US2015063544
Patent Number:	9216937
Application Number:	14943748
PCT Number:	US2012067424
Application Number:	61570624
Patent Number:	9487465
Application Number:	15343440
PCT Number:	US2012067436
Application Number:	61602533
Patent Number:	8946411
PCT Number:	US2013025846
Application Number:	61647464
Patent Number:	9468908
Application Number:	15292809
PCT Number:	US2013040997
Application Number:	61869554
Application Number:	14913730
Application Number:	61268414
Application Number:	61311190
Patent Number:	8669397
Patent Number:	9156766
Patent Number:	9434709
Application Number:	15232285
PCT Number:	US2010038408
Patent Number:	8785683
PCT Number:	US2010038419
Patent Number:	9174911
Application Number:	14867868
Patent Number:	8501989
PCT Number:	US2010038422
Patent Number:	8927768
Patent Number:	8669393
PCT Number:	US2010060147
Application Number:	62057084
Patent Number:	9776945
Application Number:	15722454

Property Type	Number
PCT Number:	US2015052981
Application Number:	61570614

CORRESPONDENCE DATA

Fax Number: (314)231-4342

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ATTORNEY DOCKET NUMBER:	ADM 332
NAME OF SUBMITTER:	SHARON WINKLER
SIGNATURE:	/Sharon Winkler/
DATE SIGNED:	02/21/2018

Total Attachments: 8

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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, 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 Tri Nguyen (Seal)

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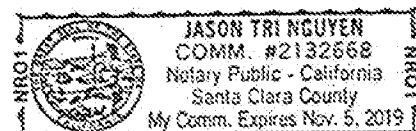


EXHIBIT A**Assigned Patents**

Title	Record Owner	Jurisdiction	Patent Number or Application Serial or Publication Number	Issue or Application Filing Date
Process for the Production of a Terminal Diol Product and Related Products and Compositions	Rennovia Inc.	US	62/594,957	12/5/17
Process for the Production of 1,5-Pentanediol	Rennovia Inc.	US	62/514,413	6/2/17
Production of Caprolactam from Carbohydrate-Containing Materials	Rennovia Inc.	AR	P120101078	3/29/12
		SA	112330406	3/29/12
		AE	11062013	3/29/12
		AU	2012243157	3/29/12
		BR	1120130263261	3/29/12
		CA	2832061	3/29/12
		CN	2012800181504	3/29/12
		BE	2697202	7/22/15
		DE	2697202	7/22/15
		EP	2697202	7/22/15
		ES	2697202	7/22/15
		FR	2697202	7/22/15
		NE	2679202	7/22/15
		ID	W00201305134	3/29/12
		IN	8949DELNP2013	3/29/12
		JP	2014505171	3/29/12
		KR	1020137029176	3/29/12
		MY	PI2013003731	3/29/12
		NG	NG/C/2013/682	3/29/12
		NZ	616224	3/29/12
		PH	12013502115	3/29/12
		TH	1301005863	3/29/12
		US	61/475,177	4/13/11
		US	9181194	11/10/15
		WO	PCT/US2012/031284	3/29/12
		ZA	201307427	3/29/12
Process for Production of Hexamethylenediamine	Rennovia Inc.	AR	PI30100095	1/11/13
		AU	201321005	8/10/17
		AU	2017208286	1/11/13

From Carbohydrate-Containing Materials and Intermediates Therefor		BR	BR1120140175853	1/11/13
		CA	2860886	1/11/13
		CN	ZL201380005573.7	6/29/16
		CN	201610345494.6	1/11/13
		EA	25555	1/30/17
		EP	13701538.4	1/11/13
		HK	15104804.1	1/11/13
		ID	P00 2014 04648	8/22/17
		IN	6596DELNP2014	1/11/13
		JP	6253203	12/8/17
		KR	1020147021436	1/11/13
		MX	336933	2/8/16
		MY	PI2014002099	1/11/13
		SA	4171	7/9/15
		SA	4322	9/3/15
		SG	11201404098X	1/31/17
		SG	10201700153W	1/11/13
		TH	1401004115	1/11/13
		US	61/588,093	1/18/12
		US	8853458	10/7/14
		US	9035109	5/19/15
		US	9518005	12/13/16
		US	14/687,894	4/15/15
		US	9783473	10/10/17
		US	15/195,404	6/28/16
		US	15/683,150	8/22/17
		WO	PCT/US2013/021315	1/11/13
		ZA	2014/05258	8/31/2016
		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
		CN	201380030851.4	6/11/13
		EA	201492252	6/11/13
		EP	13730095	6/11/13
		HK	15110086.7	6/11/13
		ID	P00201500129	6/11/13
		IN	10882DELNP2014	6/11/13
		JP	6209603	9/15/17
		KR	1020157000572	6/11/13
		MX	MXA2014015180	6/11/13
		SA	4528	
		SG	11201408289U	6/15/16
		SG	10201604678P	6/11/13
		TH	1401007413	6/11/13

		US	61/658,364	6/11/12
		US	9035094	5/19/15
		US	14/691,356	4/20/15
		US	15/295,351	10/17/16
		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
		IN	201727023105	12/2/15
		JP	2017-529334	12/2/15
		KR	10-2017-7016537	12/2/15
		MX	MX/a/2017/007339	12/2/15
		MY	PI2017701921	12/2/15
		RU	2017122812	12/2/15
		SG	11201703617W	12/2/15
		TW	104140316	12/2/15
		US	62/086,651	12/2/14
		US	9586920	3/7/17
		US	15/417,110	1/26/17
		WO	PCT/US2015/063544	12/2/15
		ZA	2017/04316	12/2/15
Water Concentration Reduction Process	Rennovia Inc.	AR	PI20104516	11/30/12
		CA	2858815	11/30/12
		EP	2791104	1/10/18
		DE	2791104	1/10/18
		FR	2791104	1/10/18
		IT	2791104	1/10/18
		US	61/570,614	12/14/11
		SA	4710	3/14/16
		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
		CA	2858822	11/30/12
		EP	12799031.5	11/30/12
		US	61/570,624	12/14/11
		SA	4825	5/19/16
		US	9487465	11/8/16
		US	15/343,440	11/4/16
		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
		CN	ZL201380009620.5	9/21/16

		EP	13705896.2	2/13/13
		HK	15105859.2	2/13/13
		IN	7028/DELNP/2014	2/13/13
		Japan	2014-558764	2/13/13
		KR	10-2014-7024515	2/13/13
		US	61/602,533	2/23/12
		SA	4327	9/6/15
		SG	11201405045Y	2/13/13
		US	8946411	2/3/15
		WO	PCT/US2013/025846	2/13/13
Reduction Catalysts	Rennovia Inc.	AR	P130101661	5/14/13
		BR	11 2014 028474 1	5/14/13
		CN	201380037075	5/14/13
		EP	28465	11/30/17
		EP	13726929.6	5/14/13
		HK	15108817.7	5/14/13
		ID	P00201407733	5/14/13
		IN	10247/DELNP/2014	5/14/13
		JP	6200946	9/1/17
		KR	10-2014-7035072	5/14/13
		US	61/647,464	5/15/12
		SA	113340550	5/14/13
		SG	11201407554U	1/16/17
		TH	1401006846	5/14/13
		US	9468908	10/18/16
		US	15/292,809	10/13/16
		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
		US	61/869,554	8/23/13
		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
		US	8669397	3/11/14
		US	9156766	10/13/15
		US	9434709	9/6/16
		US	15/232,285	8/9/16
		WO	PCT/US2010/038408	6/11/10
		AE	P1262/11	6/11/10
		AU	2010259925	10/20/16
		BR	PI1013086-1	6/11/10
		CA	2764116	8/8/17
		CA	2972497	6/11/10

		CN	ZL201080026099.2	1/20/16
		CN	201510889326.9	6/11/10
		CO	4608	11/29/13
		CO	4681	1/31/14
		EC	SP-11-11520	6/11/10
		EP	10728495.2	6/11/10
		HK	12109260	6/11/10
		ID	W00201104824	6/11/10
		ID	P00201700998	6/11/10
		IN	9994/DELNP/2011	6/11/10
		MY	MY162061A	5/31/17
		MY	PI 2017000713	6/11/10
		NG	NG/C/2011/740	6/6/13
		NZ	596972	7/1/14
		NZ	622542	2/2/16
		PE	2085.2011	6/11/10
		PH	1-2011-502580	10/21/14
		TH	1101003595	6/11/10
		ZA	2011/08806	6/11/10
Production of Glutaric Acid and Derivatives from Carbohydrate-Containing Materials	Remnovia Inc.	US	8785683	7/22/14
		WO	PCT/US2010/038419	6/11/10
		AE	P1263/11	6/11/10
		AU	2010259935	9/8/16
		BR	PI1013087-0	6/11/10
		CA	2763177	8/1/17
		CA	2972533	6/11/10
		CN	ZL201080026095.4	1/20/16
		CN	201510887722.8	6/11/10
		CO	3750	9/27/13
		EC	SP-11-11521	6/11/10
		EP	10724674.6	6/11/10
		HK	12109258.4	6/11/10
		ID	██████████	9/7/17
		IN	9988/DELNP/2011	6/11/10
		MY	PI2011006006	6/11/10
		MY	PI2016002122	6/11/10
		NG	NG/C/2011/741	6/6/13
		NA	596974	7/1/14
		NA	622579	2/2/16
		PE	2087.2011	6/11/10
		PH	1-2011-502581	10/21/14
		TH	1101003596	6/11/10
		ZA	2011/08807	6/11/10
		US	9174911	11/3/15
		US	14/867,868	9/28/15

Production of Adipic Acid and Derivatives from Carbohydrate-Containing Materials	Rennovia Inc.	US	8501989	8/6/13
		WO	PCT/US2010/038422	6/11/10
		AE	P1261/11	6/11/10
		AU	2010259937	10/27/16
		BR	PI1010708-8	6/11/10
		CA	2763777	10/17/17
		CN	ZL201080026096.9	6/22/16
		CO	4607	11/18/13
		EC	SP-11-11519	6/11/10
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		PH	1-2011-502582	11/3/14
		PH	1-2014-500727	4/2/14
		TH	1101003597	6/11/10
Adipic Acid Composition	Rennovia Inc.	ZA	2011/08808	6/24/15
		US	8927768	1/6/15
		US	8669393	3/11/14
		WO	PCT/US2010/060147	12/13/10
		AE	P922/12	12/13/10
		AU	2010347225	8/4/16
		BR	1120120221361	9/13/10
		CA	2791500	12/13/10
		CN	201080065190.5	12/13/10
		EP	10812827.3	12/13/10
		HK	13107814.4	12/13/10
		ID	W00201203947	12/13/10
		IN	7587/DELNP/2012	12/13/10
		MY	PI 2012003934	12/13/10
		NZ	601945	12/2/14
Preparation and Separation of a Di-Carboxylic Acid-Containing Mixture	Rennovia Inc.	PH	1-2012-501760	12/13/10
		TH	1201004530	12/13/10
		ZA	2012/06505	2/26/14
		AU	2015323913	9/29/15
		BR	11 2017 005823 5	9/29/15
		CA	2961036	9/29/15
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		IN	201727011503	9/29/15
		JP	2017-515918	9/29/15
		MX	MX/a/2017/003774	9/29/15

	MY	PI 2017700748	9/29/15
	US	62/057,084	9/29/14
	RU	2017109722	9/29/15
	SG	11201701141P	9/29/15
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	TW	104132170	9/30/15
	US	9776945	10/3/17
	US	15/722,454	10/2/17
	WO	PCT/US2015/052981	9/29/15
	ZA	2017/02188	9/29/15