505589472 07/25/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5636272

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DARREN C HANBY	07/16/2019	
JEFFERY L HOFACRE	07/16/2019	

RECEIVING PARTY DATA

Name:	AMERICAN ELECTRIC POWER COMPANY, INC.	
Street Address:	1 RIVERSIDE PLAZA	
Internal Address:	LEGAL DEPARTMENT - 29TH FLOOR	
City:	COLUMBUS	
State/Country:	OHIO	
Postal Code:	43215	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16516425	

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 614-716-1691

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Correspondent Name: ANTHONY SWANECK
Address Line 1: 1 RIVERSIDE PLAZA

Address Line 2: 29TH FLOOR - LEGAL DEPARTMENT

Address Line 4: COLUMBUS, OHIO 43215

ATTORNEY DOCKET NUMBER: AEPT108362

NAME OF SUBMITTER: ANTHONY J. SWANECK

SIGNATURE: /Anthony J. Swaneck/

DATE SIGNED: 07/25/2019

Total Attachments: 2

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PATENT 505589472 REEL: 049860 FRAME: 0754

ASSIGNMENT AGREEMENT

This ASSIGNMENT AGREEMENT ("Assignment") is made between Darren Hanby and Jeffery Hofacre (the "Inventors") and American Electric Power Company, Inc., a New York corporation, with offices located at 1 Riverside Plaza, Columbus, Ohio 43215 (the "Assignee") regarding a patent application titled DIRECT INJECTION OF AQUEOUS UREA.

WHEREAS, the Inventors have invented one or more inventions disclosed and/or claimed in the Application (the "Inventions") filed in the United States Patent and Trademark Office ("USPTO") on July 19, 2019;

WHEREAS, Assignee, together with its successors and assigns, and in accordance with agreements duly entered into with the inventors, desires to acquire the entire right, title and interest in and to the inventions and to the Applications (as defined herein).

NOW.	Th	FR	gg	೧೩	C .
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- 1. For valuable consideration from the Assignee to the Inventors, the receipt and adequacy of which are hereby acknowledged, and in accordance with existing agreements duly entered into with the Assignee, the Inventors hereby convey, transfer and assign to the Assignee, its lawful successors and assigns, and the Assignee accepts, the entire and exclusive right, title, and interest in and to the Inventions and all patents that may be granted therefor in the United States and all other countries, territories, and jurisdictions in the world (collectively, the "Countries"), and to all existing or future related applications, divisions, substitutes, renewals, reissues, continuing applications, conversions, re-examinations, extensions, and any resulting patents thereof in all Countries (collectively, the "Applications") for the x or payable, and to the right to claim benefit and priority from the Applications in all of the Countries.
- 2. The Inventors represent and warrant that they have the ability to convey all rights and interests herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that they will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.
- 3. The Inventors authorize the Assignee to file for and request that the USPTO and corresponding bodies in each of the other Countries issue any and all patents resulting from any of the Applications to the Assignee.
- 4. This Assignment inures to the benefit of the Assignee and its successors, assigns, and other legal representatives, and is binding on the Inventors and their respective heirs, legal representatives, and assigns.
- 5. The Inventors shall take such steps and actions, and provide such cooperation and assistance to the Assignee and its successors, assigns, and legal representatives, in connection with the Inventions and the Applications, or for any inventions and discoveries derived therefrom, as may be necessary to effect, evidence, or perfect the Assignment to the Assignee or any assignee or successor thereto, including, but not limited to: the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, documents in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar treaties and agreements, or other lawful papers; the execution and delivery of all papers necessary in connection with any administrative or judicial proceedings; and the provision of information and testimony and cooperation in every way in obtaining and producing evidence and prosecuting such proceedings.
- 6. This Assignment and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) based upon, arising out of, or relating to this Assignment and the transactions contemplated hereby is governed by, and construed in accordance with, the laws of the United States and the State of Ohio, without giving effect to any choice or conflict of law provision or rule (whether of the State of Ohio or any other jurisdiction).

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7. The Inventors hereby grant American Electric Power Company, Inc., the power to insert on this Assignment any further identification information, including an application number and filing date, which may be necessary or desirable.
Inventors have executed this Assignment on the date indicated below: By Name: Date: 1/16/2019 Title: PRINCIPAL ENGINEER
By Joffens Defrance Name: O DIEFFERY L. HOFACRE Date: 7/16/2019 Title: STAFF ENGINEER
STATE OF OHIO COUNTY OF FRANKIN The foregoing instrument was acknowledged before me this 10 th day of 1 h 1 y 20 10 by Sana Jeff Caller Notary Public's Signature Notary Public's Signature Notary Public's Signature Notary Notary Name Personally Known OR Typs of Marrification Produced

RECORDED: 07/25/2019

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