506269811 09/24/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	AGREEMENT FOR TRANSFER OF INVENTION RIGHTS

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF NOTRE DAME	04/22/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8356475

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ATTORNEY DOCKET NUMBER:	135404-014500
NAME OF SUBMITTER:	KEITH R. JAROSIK
SIGNATURE:	/Keith R. Jarosik/

PATENT REEL: 053877 FRAME: 0084 506269811

DATE SIGNED: 09/24/2020

Total Attachments: 2
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PATENT REEL: 053877 FRAME: 0085

Agreement for Transfer of Invention Rights

WHEREAS, Paul McGinn and Hongmei An (hereinafter "INVENTORS)") have developed and disclosed to the University of Notre Dame (hereinafter "ND") a non-profit education institution chartered in the State of Indiana, having an office at 1400 East Angela Blvd., South Bend, IN 46617, an invention entitled, Glass Catalyst for Diesel Particulate Filters (ND Disclosure Number D-07-024) hereinafter referred to as "INVENTION"); which is the subject of U.S. Patent Number 8,356,475; and

WHEREAS, INVENTION pertains to removing particulate matter from the exhaust gases of diesel engines; and

WHEREAS, the INVENTOR(S) and the INVENTION are subject to the intellectual property policy of ND; and

WHEREAS, INVENTOR(S) have previously assigned to ND all right, title, and interest in the INVENTION to ND as employees of ND, and

WHEREAS, ND has reviewed the circumstances pertaining to the creation, patentability and commercial potential of the INVENTION and has determined that (a) no third parties hold any interest in the INVENTION, and (b) a release of rights to the INVENTOR(S) in accordance with the terms set forth below is in ND's best interest;

WHEREAS, the INVENTOR(S) have requested that ND transfer to them the rights which are owned by ND relating to the INVENTION; and

NOW THEREFORE, ND and the INVENTOR(S) hereby do mutually agree as follows:

- 1. ND hereby assigns to the INVENTOR(S) all right, title, and interest in the INVENTION subject to the terms herein.
- 2. ND and the INVENTOR(S) agree that from the date of execution of the Agreement, expenses related to the development, patenting, licensing and protection of the INVENTION shall be borne by the INVENTORS.
- 3. INVENTOR(S) agree to indemnify, defend, and hold ND and its trustees, directors, officers, employees and affiliates harmless from and against any and all claims, demands, losses or causes of action related in any way to INVENTOR(S) or any third party's use, production, marketing, or commercialization of the INVENTION.
- 4. EXCEPT AS EXPRESSLY SET OUT IN THIS AGREEMENT, ND MAKES NO REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED. THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.
- 5. INVENTOR(S) hereby grant ND an irrevocable, paid-up, nonexclusive, nontransferable, royalty-free right to make, have made, execute, perform, display, copy, and/or use the INVENTION for non-commercial educational, research, and academic purposes under patent rights, copyrights, other intellectual property rights or any other legal or moral right to the INVENTION.
- 6. This Agreement shall be construed, governed, interpreted and applied in accordance with the laws of the State of Indiana, USA, without giving effect to principles of conflict of laws or choice of law rules. Any action arising out of this Agreement shall be decided in St. Joseph County, Indiana, USA.

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In WITNESS WHEREOF, ND and INVENTOR(S) hereby accept the terms of and conditions of this Agreement as of the last date set forth below.

INVENTOR(S)	James Thompson	
Paul Me	8BBB0DC26A9543D	
Name: Paul McGinn	Name: James Thompson	
Date: 4/17/20	Assoc. VP, Innovation Date:	
Toman		
Name: Hongmei An		
Date: 3/30/2020	to any control of the	