

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3818341

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL R. COHN	01/20/2016
JOHN B. HEYWOOD	02/11/2016
LESLIE BROMBERG	01/05/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<b>Street Address:</b>	77 MASSACHUSETTS AVE
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14982086
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)258-6790
<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>	(617) 253-6966
<b>Email:</b>	mitdocket@mit.edu
<b>Correspondent Name:</b>	SAM PASTERNAK
<b>Address Line 1:</b>	77 MASSACHUSETTS AVENUE
<b>Address Line 2:</b>	NE18-501
<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02139
<b>ATTORNEY DOCKET NUMBER:</b>	11381.120204
<b>NAME OF SUBMITTER:</b>	SAM PASTERNAK
<b>SIGNATURE:</b>	/Sam Pasternack/
<b>DATE SIGNED:</b>	04/06/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned Daniel R. Cohn of 100 Memorial Drive, Apt 11-22 B, Cambridge, MA 02142, John B. Heywood of 218 Mill St., Newtonville, MA 02460-2444, and Leslie Bromberg of 176 Wilshire Drive, Sharon, MA 02067-1562 hereby

Sells, assigns and transfers to Massachusetts Institute of Technology, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent "Fuel Management System for Variable Ethanol Octane Enhancement of Gasoline Engines", filed 29 December 2015 and given serial number 14/982086 (Attorney Docket No.: 11381.120204) in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Hereby requests the Director of the United States Patent and Trademark Office and non-U.S. patent authorities to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

January 20, 2016

Date

Daniel R. Cohn

Inventor:

Daniel R. Cohn

Address:

100 Memorial Drive  
Apt 11-22 B  
Cambridge, MA 02142

Citizenship:

United States of America

Witness Name Alexandra GoodwinDate 20 Jan 2016 Witness Signature Alexandra GoodwinWitness Address: 24 Fairmont St., Arlington MA 02474Witness Name Margaret UddenDate January 20, 2016 Witness Signature Margaret UddenWitness Address: 91 Dean Street, Norwood, MA

2/11/16John B. Heywood

Date

Inventor:

John B. Heywood

Address:

218 Mill St.  
Newtonville, MA 02460-2444

Citizenship:

United States of America

Witness Name

JANET MASLOW

Date

2/11/16

Witness Signature

Janet Maslow

Witness Address:

1102 TRAFALGAR ROAD, WALTHAM, MA 02451

Witness Name

THANE DEWITT

Date

02/11/2016

Witness Signature

Thane DeWitt

Witness Address:

10 ROGERS STREET, UNIT 415, CAMB., MA 02142

1/5/2016  
Date

Leslie Bromberg  
Inventor: Leslie Bromberg

Address: 176 Wilshire Drive  
Sharon, MA 02067-1562

Citizenship: United States of America

Joseph V. Minervini  
Witness Name Joseph V. Minervini

Date 12/5/2016 Witness Signature Joseph V. Minervini

Witness Address: 316 Still River Road, Harvard, MA 01462

Franco J. Mangiarotti  
Witness Name Franco J. Mangiarotti

Date 1/5/2016 Witness Signature [Signature]

Witness Address: 540 Memorial Dr. 1008, Cambridge MA 02138