

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6686090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASKIN MINAZ	03/25/2021
RAVI RAYALA	04/26/2021
JUNGME PARK	03/25/2021
RAHUL RAJAMPETA	04/13/2021
MANOJ VEMURI	03/25/2021
SRIRAM JAYACHANDRAN RAGURAMAN	03/30/2021
RECEIVING PARTY DATA	
Name:	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPNAY, LLC
Street Address:	2701 NAVISTAR DRIVE
City:	LISLE
State/Country:	ILLINOIS
Postal Code:	60532
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17245484
CORRESPONDENCE DATA	
Fax Number:	(630)753-7546
<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>	
Phone:	331-332-5000
Email:	ptinfo@navistar.com
Correspondent Name:	INTERNATIONAL ENGINE INTELLECTUAL PROPER
Address Line 1:	2701 NAVISTAR DRIVE
Address Line 2:	SUITE 7-3
Address Line 4:	LISLE, ILLINOIS 60532
ATTORNEY DOCKET NUMBER:	D7992 1030
NAME OF SUBMITTER:	YVONNE FIGUEROA
SIGNATURE:	/Yvonne Figueroa/
DATE SIGNED:	04/30/2021

Total Attachments: 10

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Askin Minaz, Ravi Rayala, Jungme Park,
Rahul Rajampeta, Manoj Vemuri and Sriram
Jayachandran Raguraman

2. Name and address of receiving party(ies)
International Engine Intellectual Property
Name: Company, LLC.

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) April 26, 2021

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Internal Address: _____

Street Address: 2701 Navistar Drive

City: Lisle

State: IL

Country: U.S. Zip: 60532

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s) 17245484

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

International Engine Intellectual Property
Name: Company, LLC.

Internal Address: _____

Street Address: 2701 Navistar Drive

City: Lisle

State: IL Zip: 60532

Phone Number: 331-332-5000

Docket Number: D7992-1030

Email Address: ptinfo@navistar.com

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized UserName Yvonne Figueroa

9. Signature: /Yvonne Figueroa/

4/30/2021

Signature

Date

Yvonne Figueroa

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10

Guidelines for Completing Patents Cover Sheets (PTO-1595)

Cover Sheet information must be submitted with each document to be recorded. If the document to be recorded concerns both patents and trademarks separate patent and trademark cover sheets, including any attached pages for continuing information, must accompany the document. All pages of the cover sheet should be numbered consecutively, for example, if both a patent and trademark cover sheet is used, and information is continued on one additional page for both patents and trademarks, the pages of the cover sheet would be numbered from 1 to 4.

Item 1. Name of Conveying Party(ies).

Enter the full name of the party(ies) conveying the interest. If there is insufficient space, enter a check mark in the "Yes" box to indicate that additional information is attached. The name of the additional conveying party(ies) should be placed on an attached page clearly identified as a continuation of the information Item 1. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the party(ies) other than the owner of the patent or patent application as the conveying party(ies).

Item 2. Name and Address of Receiving Party(ies).

Enter the name and full address of the first party receiving the interest. If there is more than one party receiving the interest, enter a check mark in the "Yes" box to indicate that additional information is attached. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the patent or patent application owner(s) as the receiving party.

Item 3. Nature of Conveyance/Execution Date(s).

Enter the execution date(s) of the document. It is preferable to use the name of the month, or an abbreviation of that name, in order that confusion over dates is minimized. Place a check mark in the appropriate box describing the nature of the conveying document. If the "Other" box is checked, specify the nature of the conveyance.

Item 4. Application Number(s) or Patent Number(s).

Indicate the application number(s), and/or patent number(s) against which the document is to be recorded. National application numbers must include both the series code and a six-digit number (e.g., 07/123,456), and international application numbers must be complete (e.g., PCT/US91/12345).

Enter a check mark in the appropriate box: "Yes" or "No" if additional numbers appear on attached pages. Be sure to identify numbers included on attached pages as the continuation of Item 4. Also enter a check mark if this Assignment is being filed as an Oath/Declaration (37 CFR 1.63).

Item 5. Name and Address of Party to whom correspondence concerning the document should be mailed.

Enter the name and full address of the party to whom correspondence is to be mailed.

Item 6. Total Applications and Patents Involved.

Enter the total number of applications and patents identified for recordation. Be sure to include all applications and patents identified on the cover sheet and on additional pages.

Block 7. Total Fee Enclosed.

Enter the total fee enclosed or authorized to be charged. A fee is required for each application and patent against which the document is recorded.

Item 8. Payment Information.

Enter the deposit account number and authorized user name to authorize charges.

Item 9. Signature.

Enter the name of the person submitting the document. The submitter must sign and date the cover sheet. Enter the total number of pages including the cover sheet, attachments, and document.

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1060. The information is used by the public to submit (and by the USPTO to process) patent and trademark assignment requests. After the USPTO records the information, the records for patent and trademarks, assignments, and other associated documents can be inspected by the public. To view documents recorded under secrecy orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the form to the USPTO. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement for Patent Assignment Recordation Form Cover Sheet

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with the above request for information. This collection of information is authorized by 35 U.S.C. 1, 2, 261 and E.O. 9424. This information will primarily be used by the USPTO for the recordation of assignments related to patents and patent applications. Submission of this information is voluntary but is required in order for the USPTO to record the requested assignment. If you do not provide the information required on the cover sheet, the assignment will not be recorded, and all documents will be returned to you.

After the information is recorded, the records and associated documents can be inspected by the public and are not confidential, except for documents that are sealed under secrecy orders or related to unpublished patent applications. Assignment records relating to unpublished patent applications are maintained in confidence in accordance with 35 U.S.C. 122. Records open to the public are searched by users for the purpose of determining ownership for other property rights with respect to patents and trademarks.

Routine uses of the information you provide may also include disclosure to appropriate Federal, state, local, or foreign agencies in support of their enforcement duties and statutory or regulatory missions, including investigating potential violations of law or contract and awarding contracts or other benefits; to a court, magistrate, or administrative tribunal in the course of presenting evidence; to members of Congress responding to requests for assistance from their constituents; to the Office of Management and Budget in connection with the review of private relief legislation; to the Department of Justice in connection with a Freedom of Information Act request; to a contractor in the performance of their duties; to the Office of Personnel Management for personnel studies; and to the General Services Administration (GSA) as part of their records management responsibilities under the authority of 44 U.S.C. 2904 and 2906. Such disclosure to GSA shall not be used to make determinations about individuals.

JOINT ASSIGNMENT

WHEREAS,

- (1) Askin Minaz
- (2) Ravi Rayala
- (3) Jungme Park
- (4) Rahul Rajampeta
- (5) Manoj Vemuri
- (6) Sriram Jayachandran Raguraman

residing, respectively, at

- (1) 604 Declaration Ln, Aurora Illinois 60502; and
- (2) 2511 Arborside Ln, Aurora Illinois 60502; and
- (3) 308 Golfside Dr., Oxford, Michigan 48371; and
- (4) 1658 Brookdale Rd., Naperville Illinois 60563; and
- (5) 701 Frank Street, Flint, Michigan 48504; and
- (6) 807 Dupont Street, Flint, Michigan 48504;

(hereinafter referred to as ASSIGNORS) have invented certain new and useful improvements in No. D7992 titled:

Intelligent Mass Air Flow (MAF) Prediction System with Neural Network

- (1) on the 25 day of March, 2021; and
- (2) on the 20 day of April, 2021; and
- (3) on the 25 day of March, 2021; and
- (4) on the 13 day of April, 2021; and
- (5) on the 25 day of March, 2021; and
- (6) on the 30 day of March, 2021;

or is identified in the United States Patent and Trademark Office as Serial No. filed on _____; and WHEREAS, INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC, a corporation existing under the laws of the State of Illinois, (hereinafter referred to as IEIPC) having its principal place of business at 2701 Navistar Drive, Lisle, Illinois 60532, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention or inventions, and any Letters Patent granted hereon by the United States of America and any foreign country;

NOW THEREFORE, in consideration of the sum of One Dollar and other valuable consideration received by ASSIGNORS from IEIPC, the receipt of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby sell, assign, and transfer to IEIPC said invention or inventions, said application, divisional applications thereof, continuation applications thereof and any and all Letters Patent of the United States and any foreign country which may be granted

therefor, and any reissue or reissues, or extension or extensions thereof, together with the right to file applications in, and to acquire Letters Patent in, all countries foreign to the United States in the name of IEIPC or as it may direct, and to claim for such foreign applications and Letters Patent the priority date of filing of the said International or United States application under the provisions of the Patent Cooperation Treaty, the International Convention for the Protection of Industrial Property or the European Patent Convention in the countries in which it applies.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or inventions or resulting from said application, or any division or divisions or continuations thereof to INTERNATIONAL as assignee of the entire interest.

ASSIGNORS hereby authorize and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or inventions or resulting from said application, or any division or divisions or continuations thereof to IEIPC as assignee of the entire interest.


ASSIGNORS hereby authorize IEIPC to insert the serial number and date(s) of execution of said application into this document after execution thereof.

ASSIGNORS further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or inventions, or any Letters Patent that may be granted therefor in any country in IEIPC , and that if desires to secure a division, reissue, reexamination, or renewal of any such Letters Patent, that a disclaimer relating thereto should be filed, or make application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the application for such division, reissue, reexamination, or extension and the procuring thereof, or for the filing of such disclaimer or foreign patent application without further compensation, but at the expense of IEIPC .

ASSIGNORS do further covenant and agree that they will, at any time, upon request, communicate to IEIPC any facts relating to said invention or inventions and Letters Patent, or the history thereof known to them, and testify as to the same in interferences or other litigation when requested so to do.

This assignment shall inure to the benefit of IEIPC, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, his heirs and legal representatives.

Signatures below:

- (1)  this 25 day of March, 2021.
Askin Minaz
- (2) _____ this _____ day of _____, 2021.
Ravi Rayala

therefor, and any reissue or reissues, or extension or extensions thereof, together with the right to file applications in, and to acquire Letters Patent in, all countries foreign to the United States in the name of IEIPC or as it may direct, and to claim for such foreign applications and Letters Patent the priority date of filing of the said International or United States application under the provisions of the Patent Cooperation Treaty, the International Convention for the Protection of Industrial Property or the European Patent Convention in the countries in which it applies.

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ASSIGNORS do further covenant and agree that they will, at any time, upon request, communicate to IEIPC any facts relating to said invention or inventions and Letters Patent, or the history thereof known to them, and testify as to the same in interferences or other litigation when requested so to do.

This assignment shall inure to the benefit of IEIPC, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, his heirs and legal representatives.

Signatures below:

(1) _____ this _____ day of _____, 2021.
Askin Minaz

(2) A. V. this 26 day of APRIL, 2021.
Ravi Rayala

(3) Jungme Park this 25 day of March, 2021.

(4) _____ this _____ day of _____, 2021.
Rahul Rajampeta

(5) _____ this _____ day of _____, 2021.
Manoj Vemuri

(6) _____ this _____ day of _____, 2021.
Sriram Jayachandran Raguraman


(3) _____ this _____ day of _____, 2021.
Jungme Park

(4) Rahul this 13 day of April, 2021.
Rahul Rajampeta

(5) _____ this _____ day of _____, 2021.
Manoj Vemuri

(6) _____ this _____ day of _____, 2021.
Sriram Jayachandran Raguraman

- (3) _____ this _____ day of _____, 2021.
Jungme Park
- (4) _____ this _____ day of _____, 2021.
Rahul Rajampeta
- (5) V. Manoj this 25th day of MARCH, 2021.
Manoj Vemuri
- (6) _____ this _____ day of _____, 2021.
Sriram Jayachandran Raguraman

- (3) _____ this _____ day of _____, 2021.
Jungme Park
- (4) _____ this _____ day of _____, 2021.
Rahul Rajampeta
- (5) _____ this _____ day of _____, 2021.
Manoj Vemuri
- (6)  _____ this 30 day of March, 2021.
Sriram Jayachandran Raguraman