

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7972015

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	507569399

CONVEYING PARTY DATA

Name	Execution Date
JAMES WARREN	03/08/2022
WILLIAM VINCENT MEYERS JR	03/08/2022
MEHAR BADE	10/21/2022

RECEIVING PARTY DATA

Name:	ENGINUITY POWER SYSTEMS INC
Street Address:	730 SOUTH WASHINGTON STREET
City:	ALEXANDRIA
State/Country:	VIRGINIA
Postal Code:	22314

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17151253

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: 7032663330
Email: jcurtin@cappat.com
Correspondent Name: CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC
Address Line 1: PO BOX 1995
Address Line 4: VIENNA, VIRGINIA 22183

ATTORNEY DOCKET NUMBER:	3135-019
NAME OF SUBMITTER:	JOHN E. CURTIN
SIGNATURE:	/John E. Curtin/
DATE SIGNED:	05/24/2023

Total Attachments: 9

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PATENT ASSIGNMENT AND AGREEMENT

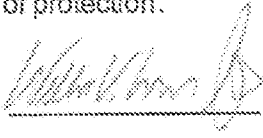
For value received, I, **William Vincent Meyers, Jr.** of 522 Little John Hill, Sherwood Forest, Maryland 21405 hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America and worldwide, in and to certain inventions described in the patents and patent applications listed in **Appendix A**, and all the rights and privileges in said patents and patent applications and under any and all Letters Patent that may be granted in the United States for said inventions, including the right to sue for past, present and future damages; I also hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patents and patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions; and I also hereby sell, assign and transfer and all right to bring suit and recover past, present or future damages arising from said inventions.

I authorize **ENGINUITY POWER SYSTEMS, INC** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

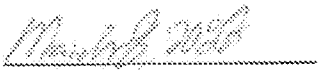
I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **ENGINUITY POWER SYSTEMS, INC** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to **ENGINUITY POWER SYSTEMS, INC** in the United States and in all countries foreign to the United States, or to such nominees as **ENGINUITY POWER SYSTEMS, INC** may designate.

I agree that, when requested, I shall, without charge to **ENGINUITY POWER SYSTEMS, INC** but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Signed: 

William Vincent Meyers, Jr.

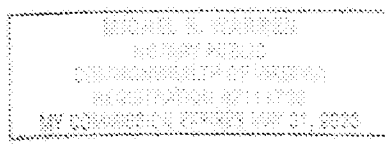
Date: 

United States of America)

State of VA) ss.:

County of Stafford)

On this 8th day of March 2022, before me personally came **William Vincent Meyers, Jr.** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

APPENDIX A TO PATENT ASSIGNMENT OF WILLIAM VINCENT MEYERS, Jr.

Patent/Application Subject Matter	SERIAL #
Ignition Source Adapted for Positioning Within A Combustion Chamber	USP 11,085,413
Methods And Devices For Controlling The Compression Ratio of an OPE	USP 10,907,515
Fuel Ignition Methods For Opposed Piston Engines And Related Structures	USP 10,989,109
Two stroke opposed piston engine/microgenerator with combustion chamber	USP 11,118,456
Muffler & Catalytic Converter Application	USPA 16/795,750
Balancing Crankshafts In Opposed Piston Engines	USPA 62/660,167
FOUR-STROKE OPPOSED PISTON ENGINE ARCHITECTURE AND RELATED METHODS (the 5.1 Application)	USPA 17/151,253
Key: USP= US Patent USPA= US Patent Application	

NOTE: The brief description of the inventions set forth in parenthesis in the first column are merely exemplary. The actual scope of the patents and applications may be much broader.

PATENT ASSIGNMENT AND AGREEMENT

For value received, I, James Warren of 7103 Dijon Court, Alexandria, Virginia 22315 hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America and worldwide, in and to certain inventions described in the patents and patent applications listed in Appendix A, and all the rights and privileges in said patents and patent applications and under any and all Letters Patent that may be granted in the United States for said inventions, including the right to sue for past, present and future damages; I also hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patents and patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions; and I also hereby sell, assign and transfer and all right to bring suit and recover past, present or future damages arising from said inventions.

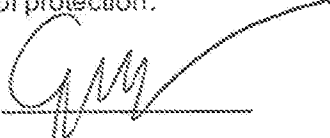
I authorize **ENGINUITY POWER SYSTEMS, INC** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **ENGINUITY POWER SYSTEMS, INC** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to **ENGINUITY POWER SYSTEMS, INC** in the United States and in all countries foreign to the United States, or to such nominees as **ENGINUITY POWER SYSTEMS, INC** may designate.

I agree that, when requested, I shall, without charge to **ENGINUTY POWER SYSTEMS, INC** but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Signed:



James Warren

Date:

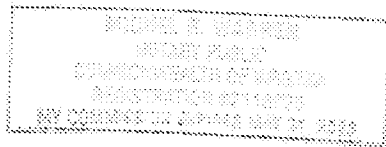
31/8/2022

United States of America)

State of WA) ss.:

County of King)

On this 31st day of Aug 2022, before me personally came **James Warren** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public

APPENDIX A TO PATENT ASSIGNMENT OF JAMES WARREN

Patent/Application Subject Matter	SERIAL #
Ignition Source Adapted for Positioning Within A Combustion Chamber	USP 11,085,413
Methods And Devices For Controlling The Compression Ratio of an OPE	USP 10,907,515
Fuel Ignition Methods For Opposed Piston Engines And Related Structures	USP 10,989,109
Combined Heat & Power	USP 11,193,694
Two stroke opposed piston engines/microgenerator with combustion chamber	USP 11,118,456
Muffler & Catalytic Converter Application	USPA 16/795,750
Methods Systems And Devices For Controlling Temperature And Humidity Using Excess Energy From A Combined Heat And Power System	USP 10,855,168
Methods Systems And Devices For Controlling Temperature And Humidity Using Excess Energy From A Combined Heat And Power System	USPA 17/195,861
Balancing Crankshafts In Opposed Piston Engines	USPA 62/980,167
FOUR-STROKE OPPOSED PISTON ENGINE ARCHITECTURE AND RELATED METHODS (the 5.1 Application)	USPA 17/151,253
Key: USP= US Patent USPA= US Patent Application	

NOTE: The brief description of the inventions set forth in parenthesis in the first column are merely exemplary. The actual scope of the patents and applications may be much broader.

PATENT ASSIGNMENT AND AGREEMENT

For value received, I, Mehar Bada, of 24324 Sorrentino Court, Clinton Township, Michigan 48035 hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America and worldwide, in and to certain inventions described in the patents and patent applications listed in Appendix A, and all the rights and privileges in said patents and patent applications and under any and all Letters Patent that may be granted in the United States for said inventions, including the right to sue for past, present and future damages; I also hereby sell, assign and transfer to **ENGINUITY POWER SYSTEMS, INC** the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patents and patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions; and I also hereby sell, assign and transfer and all right to bring suit and recover past, present or future damages arising from said inventions.

I authorize **ENGINUITY POWER SYSTEMS, INC** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **ENGINUITY POWER SYSTEMS, INC** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to **ENGINUITY POWER SYSTEMS, INC** in the United States and in all countries foreign to the United States, or to such nominees as **ENGINUITY POWER SYSTEMS, INC** may designate.

I agree that, when requested, I shall, without charge to **ENGINUITY POWER SYSTEMS, INC** but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Signed: *M. R. Mehar*

Mehar Bade

Date: 10/21/2022

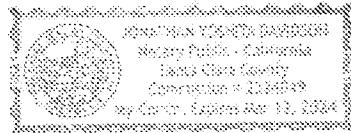
United States of America)

State of California) ss.:

County of Santa Clara)

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.

On this 21st day of October 2022, before me personally came **Mehar Bade** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Jennifer Yee-Fin Davidson
Notary Public

APPENDIX A TO PATENT ASSIGNMENT OF MEHAR BADE

Patent/Application Subject Matter	SERIAL #
Balancing Crankshafts In Opposed Piston Engines	USPA 62/960,187
FOUR-STROKE OPPOSED PISTON ENGINE ARCHITECTURE AND RELATED METHODS (the 6:1 Application)	USPA 17/151,253
Key: USPA= US Patent Application	

NOTE: The brief description of the inventions set forth in parenthesis in the first column are merely exemplary. The actual scope of the patents and applications may be much broader.