U.S. PTO 12/658286 02/05/2010

| Form PTO-1595 (Rev. 12-08) OMB No. 0651-0027 (exp. 01/31/2009) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
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| 03-01- 2020(Marz) | |
| 2020(Mar2) | |
| To the Director of the U.S. Patent (| documents or the new address(es) below |
| 1. Name of conveying party(les) | i realise and address of recovering party(les) |
| Edward N. Miller | Name:Marz Industries, Inc. |
| Eoward 14. Willet | Internal Address: |
| Additional name(s) of conveying party(ies) attached? Tyes X No | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 11049B Air Park Road |
| Execution Date(s) 02/05/2010 | |
| Assignment Merger | City Ashland |
| Security Agreement Change of Name | City: Ashland |
| Joint Research Agreement | State: VA |
| Government Interest Assignment | Country: USA Zip: 23005 |
| Executive Order 9424, Confirmatory License | |
| Other | Additional name(s) & address(es) attached? Yes X No |
| 4. Application or patent number(s): X This A. Patent Application No.(s) | document is being filed together with a new application. B. Patent No.(s) |
| Additional numbers at 5. Name and address to whom correspondence | tached? Yes No |
| concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name: Auzville Jackson, Jr. | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40 |
| Internal Address: | (4,7,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4 |
| | Authorized to be charged to deposit account |
| Street Address: 8652 Rio Grande Road | X Enclosed |
| | None required (government interest not affecting title) |
| City: Richmond | 8. Payment Information |
| State:_VAZip: 23229 | |
| Phone Number: 804-740-6828 | B -44 A 4 2 3 3 |
| Fax Number: 804-740-1881 | Deposit Account Number |
| Email Address: auzville2@comcast.net | Authorized Hoor Name |
| | Authorized User Name |
| 9. Signature: Our all a floor | |
| 9. Signature: Augustle august Signature | |
| - Solve Michelle A | 02/05/2010 |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

02/16/2010 SZEWDIE1 00000059 12658286

PATENT

REEL: 024004 FRAME: 0201

ASSIGNMENT

WHEREAS:

Edward N. Miller 5908 Park Forest Lane Glen Allen, VA 23059 USA

(hereinafter referred to as ASSIGNOR(S)) have invented certain new and useful improvements in an invention entitled:

Hydrogen Fuel Cell Driven HVAC and Power System for Engine-Off Operation Including PEM Regenerative Hydrogen Production

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

WHEREAS:

Marz Industries, Inc. 11049B Air Park Road Ashland, VA 23005 USA

(hereinafter referred to ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for full and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation—in—part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

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Docket 2020 (Marz) Assignment

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURES(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S) AND ASSIGNOR(S):

DATE SIGNED

WITNESS (ES)

Feb. 5,2010 Alson & Miller

Edward N Miller

RECORDED: 02/05/2010

PATENT

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