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## PATENT ASSIGNMENT COVER SHEET

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| CONVEYING PARTY D                     | ΑΤΑ                           |   |                                      |  |
|                                       |                               | Name  | Execution Date                       |  |
| VOLKSWAGEN GROUF                      | P OF AMEF                     | RICA, INC.  | 11/20/2019                           |  |
|                                       |                               |   |                                      |  |
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|                                       |                               |   |                                      |  |
| PROPERTY NUMBERS                      | Total: 3                      |   |                                      |  |
| Property Type                         |                               | Number  | ]                                    |  |
| Application Number: 62                |                               | 2754661   | 1                                    |  |
| Application Number: 16                |                               | 6671498   | 1                                    |  |
| PCT Number: US1                       |                               | S1959329  | 1                                    |  |
|                                       | I                             |   | J                                    |  |
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| DATE SIGNED:                          |                               | 01/23/2020  | 01/23/2020                           |  |
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| source=52461-287696-eA                | ssignment                     | -VWGoA#page2.tif  |                                      |  |

#### ASSIGNMENT

WHEREAS, VOLKSWAGEN GROUP OF AMERICA, INC., also known under its prior name VOLKSWAGEN OF AMERICA, INC., a New Jersey corporation doing business at 2200 Ferdinand Porsche Drive Herndon, Virginia 20171, U.S.A., is the owner of the entire right, title and interest in the invention entitled **SYSTEM AND METHOD FOR FINITE ELEMENTS-BASED DESIGN OPTIMIZATION WITH QUANTUM ANNEALING**, which is the subject of U.S. Patent Application No. 16/671,498, filed **1 November 2019**, and International Patent Application No. **PCT/US2019/059329** filed **1 November 2019**, both of which claim priority to U.S. Provisional Patent Application No. **62/754,661**, filed **2 November 2018**.

#### AND WHEREAS,

VOLKSWAGEN AG, a German corporation doing business at Wolfsburg, Germany; Is desirous of acquiring said entire right, title and interest in said invention.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, VOLKSWAGEN GROUP OF AMERICA, INC., hereby sells, assigns and transfers unto the said VOLKSWAGEN AG, its legal representatives, successors and assigns, said entire right, title and interest in said invention.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

#### ASSIGNOR

For Volkswagen Group of America, Inc.

November 20, 2019 (Date)

(Signature)

Charles Hawkins, Assistant Secretary Name and Title (Please Print)

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- 2 -

#### ASSIGNEE:

For Volkswagen Aktiengeselischaft

<u>18.11.2019</u> (Date) (Signature) <u>18.11.2019</u> (Date) (Signature)

Anett Preßler, European Patent Attorney Name and Title (Please Print)

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