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PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | | |
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| State/Country: | D.C. | | | | | |
| Postal Code: | 20310-0101 | | | | | |
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Docket No. AMPC 5381

| ASSIGNMENT OF INVENTION By Government-Employee Inventor to Government |
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| Title of Invention Improving Physical Components Using Data Element Mapping and Analysis |
| GovernmentEmployee Inventor Name: Haley Patterson |
| *Application Serial No.: 18/067,888 *Filing Date : December 19, 2022 |
| (*Data not known at execution may be added for better identification) |
| I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby: |
| 1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above- entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent. |
| 2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed; provided that if the Government determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government. |
| 3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon. Signature of Inventor: Maganage |
| Address: 2324 Gallatin St SW, Huntsville AL 35801 |
| Date of Signature : |
| State of <u>Alabama</u>)) ss. County of <u>Madison</u>) |
| On the above, Haley Pattorson, who produced identification, appeared before me and executed the foregoing instrument before me and acknowledged to me that he understood and executed the same as his own free act and deed. NDA NAN NDA NAN (Signature of Notary Public) (Signature of Notary Public) My Commission expires on NBLC Page 1 of 1 |
| Page 1 of 1 |
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RECORDED: 08/11/2023

PATENT REEL: 064566 FRAME: 0799