508219156 11/08/2023 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8266345

| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | |
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| NATURE OF CONVEYANCE: | | INTELLECTUAL PROPERTY SEC | INTELLECTUAL PROPERTY SECURITY AGREEMENT | |
| CONVEYING PART | Υ DATA | | | |
| | | Name | Execution Date | |
| ADLUMIN, INC. | | | 11/08/2023 | |
| RECEIVING PARTY | DATA | | | |
| Name: | STIFEL | BANK | | |
| Street Address: | 501 NC | 501 NORTH BROADWAY | | |
| City: | SAINT | LOUIS | | |
| State/Country: | MISSO | URI | | |
| Postal Code: | 63102 | | | |
| | | | | |
| PROPERTY NUMBE | ERS Total: 4 | | | |
| Property Ty | pe | Number | | |
| Patent Number: | | 11461354 | | |
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| Patent Number: | | 11176159 | | |
| | | 11176159 11080294 | | |
| Patent Number: Patent Number: | | | | |
| Patent Number: Patent Number: CORRESPONDENC Fax Number: <i>Correspondence wi</i> | E DATA ill be sent to ; if provided | 11080294 | t via US Mail. | |
| Patent Number: Patent Number: CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2: | E DATA ill be sent to ; if provided | 11080294 10701096 <i>the e-mail address first; if that is unsufficient is unsuccessful, it will be sent</i> 8004945225 ipteam@cogencyglobal.com STEWART WALSH 1025 CONNECTICUT AVE NW, SUITE 7 COGENCY GLOBAL INC. | t via US Mail. | |
| Patent Number: Patent Number: CORRESPONDENC Fax Number: Correspondence wi using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4: | E DATA ill be sent to ; if provided ne: NUMBER: | 11080294 10701096 the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent 8004945225 ipteam@cogencyglobal.com STEWART WALSH 1025 CONNECTICUT AVE NW, SUITE 7 COGENCY GLOBAL INC. WASHINGTON, D.C. 20036 | t via US Mail. | |
| Patent Number: Patent Number: CORRESPONDENC Fax Number: Correspondence wi using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4: | E DATA ill be sent to ; if provided ne: NUMBER: | 11080294 10701096 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 8004945225 ipteam@cogencyglobal.com STEWART WALSH 1025 CONNECTICUT AVE NW, SUITE 7 COGENCY GLOBAL INC. WASHINGTON, D.C. 20036 2175467 | t via US Mail. | |

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of November 8, 2023 by and between STIFEL BANK ("Bank") and ADLUMIN, INC., a Delaware corporation ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor, dated as of November 8, 2023 (as amended, modified or supplemented from time to time, collectively the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure the prompt repayment of any and all Obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Grantor and Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

PATENT REEL: 065520 FRAME: 0883 IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

1140 3rd Street, NE Washington, DC 20002 Attn: Robert Johnston

| ADLUM | IIN, INC. |
|--------|---------------------|
| By: | <u></u> |
| Name: | Robert J Kilchthile |
| Title: | 670 |
| | |
| BANK: | |

STIFEL BANK
By:

Name: _____

Title:

Address of Bank:

501 North Broadway St. Louis, Missouri 63102 Attn: Legal Department IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

ADLUMIN, INC.

Address of Grantor:

1140 3rd Street, NE Washington, DC 20002 Attn: Robert Johnston

| By: | |
|-------|--|
| Name: | |

Title:

BANK:

STIFEL BANK By: Jaměs Binz Name: Executive Vice President Title:

Address of Bank:

501 North Broadway St. Louis, Missouri 63102 Attn: Legal Department

> PATENT REEL: 065520 FRAME: 0885

EXHIBIT A

Copyrights

NONE

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EXHIBIT B

Patents

| Description | Patent/App. No. | File Date |
|---|-----------------|------------|
| | | |
| Systems and methods for data analytics | 11461354 | 10/4/2022 |
| | 17/368824 | 7/72021 |
| Systems and methods for data analytics | 11176159 | 11/16/2021 |
| | 17/338848 | 6/4/2021 |
| Systems and methods for data analytics | 11080294 | 8/3/2021 |
| | 17/166122 | 2/3/2021 |
| Systems and methods for anomaly detection on core banking systems | 10701096 | 6/30/2020 |
| | 16/667359 | 10/29/2019 |

EXHIBIT C

Trademarks

NONE

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PATENT REEL: 065520 FRAME: 0888

RECORDED: 11/08/2023