505467023 05/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5513826

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| EVAN ROSENMAN | 12/22/2011 |
| AARON SILVERMAN | 12/07/2011 |
| VRUSHALI PAUNIKAR | 12/06/2011 |
| ALAN LI | 12/06/2011 |
| MARK D'AGOSTINO | 12/07/2011 |
| ANDREW CREWSON | 12/07/2011 |
| MICHAEL MONTEIRO | 12/19/2011 |
| SCOTT INGS | 12/06/2011 |

RECEIVING PARTY DATA

| Name: | APPLIED PREDICTIVE TECHNOLOGIES, INC. |
|-------------------|---------------------------------------|
| Street Address: | 901 NORTH STUART STREET |
| Internal Address: | SUITE 1100 |
| City: | ARLINGTON |
| State/Country: | VIRGINIA |
| Postal Code: | 22203 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14286257 |

CORRESPONDENCE DATA

Fax Number: (312)876-7934

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: 202-408-6470

Email: SG.Sophir.AllOthers@dentons.com, ipt.docketchi@dentons.com,

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Correspondent Name: DENTONS US LLP (SOPHIR-ALL OTHERS) ATTN:

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Address Line 4: CHICAGO, ILLINOIS 60606-1080

| ATTORNEY DOCKET NUMBER: | APT004-US-CIP |
|-------------------------|----------------|
| NAME OF SUBMITTER: | ERIC L. SOPHIR |

PATENT 505467023 REEL: 049120 FRAME: 0792

| SIGNATURE: | /Eric L. Sophir/ |
|--|------------------|
| DATE SIGNED: | 05/08/2019 |
| Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif | |

PATENT REEL: 049120 FRAME: 0793

ASSIGNMENT

WHEREAS, Evan ROSENMAN, Agron SILVERMAN, Vrushali PAUNIKAR, Alan LL.

Mark D'AGOSTINO, Andrew CREWSON, Michael MONTEIRO, and Scott INGS (referred to as "ASSIGNOR") have invented certain new and useful improvements in an invention entitled NATURAL EXPERIMENT FINDER SYSTEM AND METHOD.

| | for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on, Serial |
|-------------|---|
| | Number |
| \boxtimes | for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and |

WHEREAS, <u>Applied Predictive Technologies</u>. Inc., a Delaware corporation under the laws of the United States of America, doing business at <u>901 North Stuart Street</u>. Suite 1100.

<u>Arlington</u>, <u>Virginia 22203</u> (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and 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 patent application claiming priority to the 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 of 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.

1 of 3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertition facts and documents relating to said application, said invention and said Letters Patent and logal equivalents in foreign countries as may be known and accessible to ASSIGNOR 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 affidavitis required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof to any foreign country which may be necessary or desirable to carry out the purposes thereof.

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

SIGNATURE(S)

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

| | INVEXTOR(S) | DATE SIGNED |
|-------------|--|-------------------|
| ij | Evan ROSENMAN | » <u>12/22/11</u> |
| 2) | Aano SIL VERMAN | >> |
| 3)= | >> Vnishali PAUNIKAR | » |
| 4): | Alm Li | » |
| ** | > | |
| is) | Andrew CREWSON | , |
| | ************************************** | |

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PATENT REEL: 049120 FRAME: 0795 ASSIGNOR 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 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:

| SIGN | ATI | IRF | 181 |
|------|-----|-----|-----|

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

| <u>INVENTOR(S)</u> | <u>DATE SIGNED</u> |
|---|--------------------|
| >Evan ROSENMAN | > |
| » <u>laror Silverman</u> Aaron SILVERMAN | » 12/7/11 |
| >Vrushali PAUNIKAR | > |
| ►Alan LI | > |
| | |
| ➤ Mark D'AGOSTINO | > |

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ASSIGNOR further coverents that ASSIGNEE will, upon its reque: e-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 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:

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

| | <u>DATE SIGNED</u> | |
|-------------------------------------|--|--|
| ➤ Evan ROSENMAN | > | |
| Evan ROSENMAN | | |
| > | ······································ | |
| Aaron SILVERMAN | | |
| · Wishari Par | ************************************** | |
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| | <u>unikar</u> > 12/06/zen | |
| | <u>-71.78a/2.</u> > 14/06/2011 | |
| Vrushali PAUNIKAR | <u>-7.17622.</u> > 14706/2011 | |
| Vrushali PAUNIKAR Alan LI | -71.15a7c > 14/00/2011 | |
| Vrushali PAUNIKAR ► | -7118a2 * 1410e/2011 | |
| Vrushali PAUNIKAR ► | -71,70°/2°11 | |
| Vrushali PAUNIKAR ➤ Alan U | * 14100/2011 * 14100/2011 | |
| Vrushali PAUNIKAR ➤ Alan U | ************************************** | |
| ➤ Alan LI Mark D'AGOSTINO | ************************************** | |
| ≻ Alan U ≻ Mark D'AGOSTINO | * 14/0c/2c * 14/ | |

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REEL: 049120 FRAME: 0797

ASSIGNOR 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 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:

SIGNATURE(S)

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

| <u>INVENTOR(S)</u> | <u>DATE SIGNED</u> |
|--------------------|----------------------|
| Evan ROSENMAN | |
| ➤Aaron SILVERMAN | * |
| ➤Vrushali PAUNIKAR | ··· |
| Alan I.I | _ > 12/06/2011 |
| Mérk D'XGOSTINO | - > 12/2/2m |
| Andrew CREWSON | <u> - 12/7/2011 </u> |

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Docket No. APRE0005-US

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RECORDED: 05/08/2019