# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8198600

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

## **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| RENO TECHNOLOGIES, INC. | 06/29/2023     |

## **RECEIVING PARTY DATA**

| Name:           | RENO SUB-SYSTEMS, INC.            |
|-----------------|-----------------------------------|
| Street Address: | 1105 N. MARKET STREET, SUITE 1300 |
| City:           | WILMINGTON                        |
| State/Country:  | DELAWARE                          |
| Postal Code:    | 19899                             |

## **PROPERTY NUMBERS Total: 126**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 61925974 |
| Application Number: | 14594262 |
| Application Number: | 15291260 |
| Application Number: | 61926017 |
| Application Number: | 14594275 |
| Application Number: | 61940139 |
| Application Number: | 14616884 |
| Application Number: | 61940165 |
| Application Number: | 14622879 |
| Application Number: | 14669568 |
| Application Number: | 61953295 |
| Application Number: | 12500433 |
| Application Number: | 61987718 |
| Application Number: | 14700209 |
| Application Number: | 15223984 |
| Application Number: | 15061020 |
| Application Number: | 61987721 |
| Application Number: | 14702863 |
| Application Number: | 61987725 |
| Application Number: | 14702900 |
|                     |          |

PATENT REEL: 065091 FRAME: 0846

508151419

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 62019591 |
| Application Number: | 14788888 |
| Application Number: | 62044071 |
| Application Number: | 62077750 |
| Application Number: | 14936978 |
| Application Number: | 62077753 |
| Application Number: | 14935859 |
| Application Number: | 62117728 |
| Application Number: | 15046585 |
| Application Number: | 15384904 |
| Application Number: | 15667951 |
| Application Number: | 62097498 |
| Application Number: | 14982244 |
| Application Number: | 62118552 |
| Application Number: | 14734053 |
| Application Number: | 15061068 |
| Application Number: | 11368690 |
| Application Number: | 11329977 |
| Application Number: | 62185998 |
| Application Number: | 15196821 |
| Application Number: | 62303625 |
| Application Number: | 15450495 |
| Application Number: | 62312070 |
| Application Number: | 15467667 |
| Application Number: | 15637271 |
| Application Number: | 16111776 |
| Application Number: | 16665778 |
| Application Number: | 16922228 |
| Application Number: | 17182902 |
| Application Number: | 17534924 |
| Application Number: | 62359876 |
| Application Number: | 62376149 |
| Application Number: | 62407009 |
| Application Number: | 62409635 |
| Application Number: | 15787374 |
| Application Number: | 62424162 |
| Application Number: | 15816351 |
| Application Number: | 16415764 |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 62530446 |
| Application Number: | 16029742 |
| Application Number: | 62595222 |
| Application Number: | 16211961 |
| Application Number: | 62620781 |
| Application Number: | 16255269 |
| Application Number: | 62670990 |
| Application Number: | 16410862 |
| Application Number: | 17022760 |
| Application Number: | 17209071 |
| Application Number: | 62693625 |
| Application Number: | 16502656 |
| Application Number: | 62711141 |
| Application Number: | 16524805 |
| Application Number: | 62741073 |
| Application Number: | 62782915 |
| Application Number: | 16592453 |
| Application Number: | 62751851 |
| Application Number: | 16654788 |
| Application Number: | 62753959 |
| Application Number: | 62767717 |
| Application Number: | 16667293 |
| Application Number: | 62754768 |
| Application Number: | 16673220 |
| Application Number: | 62767587 |
| Application Number: | 16685698 |
| Application Number: | 62784590 |
| Application Number: | 16722219 |
| Application Number: | 62788269 |
| Application Number: | 16735088 |
| Application Number: | 62796146 |
| Application Number: | 16743492 |
| Application Number: | 62812019 |
| Application Number: | 16804324 |
| Application Number: | 16839424 |
| Application Number: | 62812025 |
| Application Number: | 16843138 |
| Application Number: | 62812032 |

| Property Type       | Number       |
|---------------------|--------------|
| Application Number: | 16778181     |
| Application Number: | 17722598     |
| Application Number: | 62812047     |
| Application Number: | 16926154     |
| Application Number: | 62812053     |
| Application Number: | 62848325     |
| Application Number: | 62850589     |
| Application Number: | 16879928     |
| Application Number: | 16879969     |
| Application Number: | 62873370     |
| Application Number: | 16926002     |
| Application Number: | 62876998     |
| Application Number: | 63004682     |
| Application Number: | 16935600     |
| Application Number: | 16935643     |
| Application Number: | 62943838     |
| Application Number: | 17111743     |
| Application Number: | 17111830     |
| Application Number: | 17344327     |
| Application Number: | 63059229     |
| Application Number: | 17363207     |
| Application Number: | 17979180     |
| Application Number: | 63107504     |
| Application Number: | 17723702     |
| Application Number: | 63192602     |
| PCT Number:         | US2022030483 |
| Application Number: | 63193183     |
| PCT Number:         | US2022030796 |
| Application Number: | 63420829     |
| Application Number: | 63420855     |

## **CORRESPONDENCE DATA**

**Fax Number:** (215)735-9305

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:** 2157359302

Email: uspto@thebellesgroup.com
Correspondent Name: THE BELLES GROUP, P.C.

Address Line 1: 1800 JOHN F. KENNEDY BOULEVARD

Address Line 2: SUITE 1010

PATENT

REEL: 065091 FRAME: 0849

| Address Line 4: PHIL    | PHILADELPHIA, PENNSYLVANIA 19103 |  |  |  |  |  |  |
|-------------------------|----------------------------------|--|--|--|--|--|--|
| ATTORNEY DOCKET NUMBER: | RENO-GEN                         |  |  |  |  |  |  |
| NAME OF SUBMITTER:      | OLIVIA BOLDUC                    |  |  |  |  |  |  |
| SIGNATURE:              | /Olivia Bolduc/                  |  |  |  |  |  |  |
| DATE SIGNED:            | 10/02/2023                       |  |  |  |  |  |  |

#### **Total Attachments: 11**

source=Assignment from Reno Tech to Reno Sub signed#page1.tif source=Assignment from Reno Tech to Reno Sub signed#page2.tif source=Assignment from Reno Tech to Reno Sub signed#page3.tif source=Assignment from Reno Tech to Reno Sub signed#page4.tif source=Assignment from Reno Tech to Reno Sub signed#page5.tif source=Assignment from Reno Tech to Reno Sub signed#page6.tif source=Assignment from Reno Tech to Reno Sub signed#page7.tif source=Assignment from Reno Tech to Reno Sub signed#page8.tif source=Assignment from Reno Tech to Reno Sub signed#page9.tif source=Assignment from Reno Tech to Reno Sub signed#page10.tif source=Assignment from Reno Tech to Reno Sub signed#page11.tif

#### PATENT ASSIGNMENT

This Patent Assignment is made and entered into as of the 29th day of June, 2023, by and between Reno Technologies, Inc., a Delaware corporation having a registered office at 1105 N. Market Street, Suite 1300, Wilmington, DE 19899 ("Assignor"), and Reno Sub-Systems, Inc., a Delaware corporation having a registered office at 1105 N. Market Street, Suite 1300, Wilmington, DE 19899 ("Assignee") (collectively, the "Parties").

WHEREAS, Assignor is the owner of the entire right, title, and interest in and to the patents and patent applications set forth in the attached Schedule A and all current or future patents that may be granted thereon, including, without limitation, any and all continuations, divisionals, non-provisionals, and renewals of and substitutes for said applications, and in, to and under any and all Letters Patent which may be granted thereon in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent (collectively, the "Patents"); and

WHEREAS, Assignee desires to own Assignor's entire right, title, and interest in and to the Patents: and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to the Patents, and assigns to and authorizes Assignee to file in the name of Assignee applications for Letters Patent for the Patents in all countries, the same to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent, respectively, may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment, sale and transfer not been made.

AND Assignor hereby covenants that Assignor has full right to convey the entire interest herein assigned and that Assignor has not executed and will not execute any agreement in conflict herewith, and Assignor further covenants and agrees that Assignor will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to the Patents to said Assignee, its successors, assigns, nominees, or legal representatives, and Assignor agrees to communicate to said Assignee or to its nominees all known facts respecting the Patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for the Patents in any and all countries, all such actions to be at the sole expense of Assignee.

AND, Assignor HEREBY further agrees that, from and after the date of this Patent Assignment, Assignee has succeeded to all of Assignor's right, title, interest and standing to receive all rights and benefits pertaining to the Patents, institute and prosecute all suits and proceedings pertaining to the Patents, take all actions that Assignor, in Assignor's sole discretion, may deem necessary or proper to collect, assert, or enforce any claim, right, title or interest of any

kind under the Patents, including, without limitation, the right to sue for all past, present and future infringements or other violations of any rights relating thereto, to settle, defend, compromise and retain proceeds from any actions, suits, or proceedings relating to the transferred and assigned rights, title, interest, and benefits, in any and all countries, and do all other such acts and things in relation thereto as Assignor, in its sole discretion, deems advisable.

AND, Assignor HEREBY relinquishes exclusivity to Assignee all of Assignor's right, title and interest in and to all accrued and future causes of action for injunctive relief, damages, lost profits and litigation costs (including, without limitation, attorneys' fees) resulting from infringements or alleged infringements of the Patents. This Patent Assignment expressly includes the right to sue for pre-assignment infringements and any injunctive relief, damages, lost profits and litigation costs (including, without limitation, attorneys' fees) in connection with the same in any and all countries.

AND, Assignor HEREBY further covenants that Assignor has the full right to convey the interest assigned by this Patent Assignment, Assignor will take all action and execute all documents necessary to perfect the interest assigned hereby, and Assignor has not executed and will not execute any agreement in conflict with this Patent Assignment in any country.

AND, Assignor HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for the Patents.

AND, the Parties hereby terminate the Assignment and License Agreement between the Parties dated October 29, 2020.

Reno Technologies, Inc. (Assignor)

Signature:

Name: Todd Westersund

Title: Secretary and Treasurer

Date: June 29, 2023

Reno Sub-Systems, Inc. (Assignee)

Signature:

Name: Todd Westersund

Title: Secretary and Treasurer

Date: June 29, 2023

## **SCHEDULE A**

| Docket<br>No.           | Status   | Applica-<br>tion No. | Applica-<br>tion<br>Date | Grant No. | Grant<br>Date   | Title   | Country                        |
|-------------------------|----------|----------------------|--------------------------|-----------|-----------------|---|--------------------------------|
| RENO-<br>001-P          | Inactive | 61925974             | Jan-10-<br>2014          |           |                 | ELECTRONICALLY VARIABLE CAPACITOR AND RF MATCHING NETWORK                                       | United<br>States of<br>America |
| RENO-<br>001-US         | Granted  | 14594262             | Jan-12-<br>2015          | 9496122   | Nov-15-<br>2016 | INCORPORATING SAME ELECTRONICALLY VARIABLE CAPACITOR AND RF MATCHING NETWORK INCORPORATING SAME | United<br>States of<br>America |
| RENO-<br>001-US-<br>CON | Granted  | 15291260             | Oct-12-<br>2016          | 10026594  | Jul-17-<br>2018 | RF IMPEDANCE<br>MATCHING NETWORK  | United<br>States of<br>America |
| RENO-<br>002-P          | Inactive | 61926017             | Jan-10-<br>2014          |           |                 | HIGH SPEED HIGH<br>VOLTAGE SWITCHING<br>CIRCUIT   | United<br>States of<br>America |
| RENO-<br>002-US         | Granted  | 14594275             | Jan-12-<br>2015          | 9755641   | Sep-05-<br>2017 | HIGH SPEED HIGH<br>VOLTAGE SWITCHING<br>CIRCUIT   | United<br>States of<br>America |
| RENO-<br>003-P          | Inactive | 61940139             | Feb-14-<br>2014          |           |                 | RF MATCHING NETWORK BASED ON CALCULATED IMPEDANCE   | United<br>States of<br>America |
| RENO-<br>003-US         | Granted  | 14616884             | Feb-09-<br>2015          | 9865432   | Jan-09-<br>2018 | RF IMPEDANCE<br>MATCHING NETWORK  | United<br>States of<br>America |
| RENO-<br>004-P          | Inactive | 61940165             | Feb-14-<br>2014          |           |                 | FINE RESOLUTION ELECTRONIC VARIABLE CAPACITOR   | United<br>States of<br>America |
| RENO-<br>004-US         | Inactive | 14622879             | Feb-15-<br>2015          |           |                 | SYSTEM FOR PROVIDING VARIABLE CAPACITANCE   | United<br>States of<br>America |
| RENO-<br>004-US-<br>CON | Granted  | 14669568             | Mar-26-<br>2015          | 9196459   | Nov-24-<br>2015 | RF IMPEDANCE<br>MATCHING NETWORK  | United<br>States of<br>America |
| RENO-<br>005-P          | Inactive | 61953295             | Mar-14-<br>2014          |           |                 | INTEGRATED SOLID<br>STATE RF MATCHING FOR<br>PLASMA PROCESSING<br>APPLICATIONS                  | United<br>States of<br>America |
| RENO-<br>006-US         | Inactive | 12500433             | Jul-09-<br>2009          |           |                 | SYSTEM FOR PROVIDING A SUBSTANTIALLY UNIFORM POTENTIAL PROFILE                                  | United<br>States of<br>America |
| RENO-<br>007-P          | Inactive | 61987718             | May-02-<br>2014          |           |                 | HIGH EFFICIENCY<br>OPERATING MODE FOR<br>RF AMPLIFIERS AND RF                                   | United<br>States of<br>America |

| *************************************** | <u> </u>   |           |         |   |              | GENERATORS VIA   |                   |
|---|--|-----------|---------|---|--------------|--|-------------------|
|   |  |           |         |   |              | VARIABLE DC RAIL   |                   |
|   |  |           |         |   |              |  | :                 |
| RENO-                                   | Granted  | 14700209  | Арг-30- | 9345122                                 | May-17-      | METHOD FOR   | United            |
| 007-US                                  | June   |           | 2015    |   | 2016         | CONTROLLING AN RF  | States of         |
| 00: 00                                  |  |           |         |   |              | GENERATOR  | America           |
| RENO-                                   | Granted  | 15223984  | Jul-29- | 9728378                                 | Aug-08-      | METHOD FOR   | United            |
| 007-US-                                 |  |           | 2016    |   | 2017         | CONTROLLING AN RF  | States of         |
| CIP                                     |  |           |         |   |              | GENERATOR  | America           |
| RENO-                                   | Granted  | 15061020  | Mar-04- | 9543122                                 | Jan-10-      | METHOD FOR   | United            |
| 007-US-                                 |  |           | 2016    |   | 2017         | CONTROLLING AN RF  | States of         |
| CON                                     |  |           |         |   |              | GENERATOR  | America           |
| RENO-                                   | Inactive   | 61987721  | May-02- | *************************************** |              | METHOD FOR HIGH  | United            |
| 008-P                                   |  |           | 2014    |   |              | SPEED PULSING OF A   | States of         |
|   |  |           |         |   |              | HETERODYNE CIRCUIT   | America           |
| RENO-                                   | Granted  | 14702863  | May-04- | 9591739                                 | Mar-07-      | MULTI-STAGE  | United            |
| 008-US                                  |  |           | 2015    |   | 2017         | HETERODYNE CONTROL   | States of         |
|   |  |           |         |   |              | CIRCUIT  | America           |
| RENO-                                   | Inactive   | 61987725  | May-02- |   |              | RF GENERATOR   | United            |
| 009-P                                   |  |           | 2014    |   |              | PROTECTION USING   | States of         |
|   |  |           |         |   |              | INFOMRAITON FROM   | America           |
|   |  |           |         |   |              | ABRUPT RATE OF   |                   |
|   |  |           | *       |   |              | CHANGE RF VOLTAGE, RF                                      |                   |
|   |  |           |         |   |              | CURRENT, AND PHASE   |                   |
|   |  |           |         |   |              | ANGLE OF LOAD  |                   |
|   |  |           |         |   |              | IMPEDANCE  |                   |
| RENO-                                   | Granted  | 14702900  | May-04- | 9745660                                 | Aug-29-      | METHOD FOR   | United            |
| 009-US                                  |  |           | 2015    |   | 2017         | CONTROLLING A PLASMA                                       | States of         |
|   |  |           |         |   |              | CHAMBER  | America           |
| RENO-                                   | Inactive   | 62019591  | Jul-01- |   |              | EVC Based RF Matching                                      | United            |
| 010-P                                   |  |           | 2014    |   |              | Network with Frequency                                     | States of         |
|   |  |           |         |   |              | Tuning   | America           |
| RENO-                                   | Granted  | 14788888  | Jul-01- | 9697991                                 | Jul-04-      | RF IMPEDANCE   | United            |
| 010-US                                  |  |           | 2015    |   | 2017         | MATCHING NETWORK   | States of         |
|   |  |           |         | *************************************** | ļ            | ELILLY ENOLOGED DE   | America           |
| RENO-                                   | Inactive   | 62044071  | Aug-29- |   |              | FULLY ENCLOSED RF  | United            |
| 011-P                                   |  |           | 2014    |   |              | GENERATOR  | States of         |
| m. = 1                                  | <del>                                     </del> | 00077776  | N. 40   |   |              | Conneitor Arrest Having High                               | America<br>United |
| RENO-                                   | Inactive   | 62077750  | Nov-10- |   |              | Capacitor Array Having High                                | States of         |
| 012-P                                   |  | :         | 2014    |   |              | Voltage Switched by Multiple<br>Series Connected Switching | America           |
|   |  |           |         |   |              | _  | Amenica           |
|   | 0 1-1  | 4.4000070 | No. 40  | 0044407                                 | Dec-12-      | Devices<br>UICH VOLTAGE                                    | United            |
| RENO-                                   | Granted  | 14936978  | Nov-10- | 9844127                                 | ļ            | HIGH VOLTAGE   | States of         |
| 012-US                                  |  |           | 2015    |   | 2017         | SWITCHING CIRCUIT  | America           |
| mre:~                                   | 1  | 000777760 | No. 40  |   | <del>-</del> | Lieb Voltage Cassada                                       | United            |
| RENO-                                   | Inactive   | 62077753  | Nov-10- |   |              | High Voltage Cascode                                       | States of         |
| 013-P                                   |  |           | 2014    |   | 1.           | Switch for Driving a PiN/NiP                               | §                 |
|   |  | }         |         |   | [            | Diode  | America           |

| RENO-                 | Inactive | 14935859                                | Nov-09- |             | r       | HIGH VOLTAGE CONTROL        | United    |
|-----------------------|----------|---|---------|-------------|---------|-----------------------------|-----------|
| 013-US                | HIGGHAG  | 14000000                                | 2015    |             |         | CIRCUIT FOR AN              | States of |
| 013-03                |          |   | 2010    | :           |         | ELECTRONIC SWITCH           | America   |
| RENO-                 | Inactive | 62117728                                | Feb-18- |             |         | HIGH VOLTAGE RF             | United    |
| (                     | mactive  | 0211//20                                | 2015    |             |         | SWITCH                      | States of |
| 014-P                 |          |   | 2015    |             |         | SVVITOTI                    | America   |
| DENO                  | Canada   | 4504050E                                | Cab 40  | 0505410     | Dec-20- | SWITCHING CIRCUIT           | United    |
| RENO-                 | Granted  | 15046585                                | Feb-18- | 9525412     | 2016    | SWITCHING CIRCUIT           | States of |
| 014-US                |          |   | 2016    |             | 2010    |                             | America   |
| DENIO                 | 0 1 - 1  | 45004004                                | D 00    | 0700400     | A 00    | SWITCHING CIRCUIT           | United    |
| RENO-                 | Granted  | 15384904                                | Dec-20- | 9729122     | Aug-08- | SWITCHING CIRCUIT           | States of |
| 014-US-               |          |   | 2016    |             | 2017    |                             | America   |
| CIP                   |          |   |         | 10017000    | E 1 00  | OMITOURIO OIDOURT FOR       |           |
| RENO-                 | Granted  | 15667951                                | Aug-03- | 10217608    | Feb-26- | SWITCHING CIRCUIT FOR       | United    |
| 014-US-               |          |   | 2017    |             | 2019    | RF CURRENTS                 | States of |
| CIP-CON               |          |   |         |             | <u></u> |                             | America   |
| RENO-                 | Inactive | 62097498                                | Dec-29- |             |         | RF Matching Using s-        | United    |
| 015-P                 |          |   | 2014    |             |         | parameter Prediction        | States of |
|                       |          | *************************************** |         |             |         |                             | America   |
| RENO-                 | Granted  | 14982244                                | Dec-29- | 10454453    | Oct-22- | RF IMPEDANCE                | United    |
| 015-US                |          |   | 2015    |             | 2019    | MATCHING NETWORK            | States of |
|                       |          |   |         |             |         |                             | America   |
| RENO-                 | Inactive | 62118552                                | Feb-20- |             |         | HYBRID RF MATCHING          | United    |
| 016-P                 |          |   | 2015    |             |         | NETWORK                     | States of |
|                       |          | :                                       |         | ;           |         |                             | America   |
| RENO-                 | Granted  | 14734053                                | Jun-09- | 9306533     | Apr-05- | RF IMPEDANCE                | United    |
| 016-US                |          |   | 2015    |             | 2016    | MATCHING NETWORK            | States of |
|                       |          |   |         |             |         |                             | America   |
| RENO-                 | Granted  | 15061068                                | Mar-04- | 9584090     | Feb-28- | RF IMPEDANCE                | United    |
| 016-US-               |          |   | 2016    |             | 2017    | MATCHING NETWORK            | States of |
| CON                   |          |   |         |             |         |                             | America   |
| RENO-                 | Granted  | 11368690                                | Mar-06- | 7251121     | Jul-31- | ELECTRONICALLY              | United    |
| 017-US                | 0,0,,,,, | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 2006    |             | 2007    | VARIABLE CAPACITOR          | States of |
| 017 00                |          |   | 2000    | 6<br>6<br>6 |         | ARRAY                       | America   |
| RENO-                 | Granted  | 11329977                                | Jan-11- | 7298128     | Nov-20- | METHOD OF DETECTING         | United    |
| 018-US                | Cianto   | 11020011                                | 2006    | 1200120     | 2007    | RF POWER DELIVERED TO       | States of |
| 010-00                |          |   | 2000    |             | 2001    | A LOAD AND COMPLEX          | America   |
|                       |          |   |         |             |         | IMPEDANCE OF THE LOAD       |           |
| RENO-                 | Inactive | 62185998                                | Jun-29- |             | ļ       | High Voltage Reduction      | United    |
| 019-P                 | mactive  | 02100990                                | 2015    |             |         | Circuit Used for Variable   | States of |
| 013-6                 |          |   | 2010    |             |         | Capacitor Applications      | America   |
| DENIA                 |          | 15196821                                | lua no  | 10600000    | Jun-30- | VOLTAGE REDUCTION           | United    |
| RENO-                 | Granted  | 12190671                                | Jun-29- | 10699880    | 3       | 3                           | States of |
| 019-US                |          |   | 2016    |             | 2020    | CIRCUIT                     | America   |
| BEL A                 | 1        | 00000000                                | 11-01   |             |         | Vaning Canasitana Uning     | United    |
| RENO-                 | Inactive | 62303625                                | Mar-04- |             |         | Varying Capacitance Using a | 1         |
| 028-P                 |          |   | 2016    |             |         | Partial Binary Approach     | States of |
|                       |          | 15155105                                | <b></b> | 400-000     |         | CADAOITANOE MADIATION       | America   |
| RENO-                 | Granted  | 15450495                                | Mar-06- | 10679824    | Jun-09- | CAPACITANCE VARIATION       | United    |
| 028-US                |          |   | 2017    |             | 2020    |                             | States of |
| 4<br>4<br>4<br>1<br>1 |          |   |         |             |         |                             | America   |

| RENO-<br>029-P               | Inactive | 62312070 | Mar-23-<br>2016 |          |                 | ENCLOSURE COOLING<br>SYSTEM  | United<br>States of            |
|------------------------------|----------|----------|-----------------|----------|-----------------|--|--------------------------------|
|                              |          | :        |                 |          |                 |  | America                        |
| RENO-<br>029-US              | Granted  | 15467667 | Mar-23-<br>2017 | 10455729 | Oct-22-<br>2019 | ENCLOSURE COOLING<br>SYSTEM  | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP      | Granted  | 15637271 | Jun-29-<br>2017 | 10431428 | Oct-01~<br>2019 | SYSTEM FOR PROVIDING<br>VARIABLE CAPACITANCE   | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP-CON  | Granted  | 16111776 | Aug-24-<br>2018 | 10460912 | Oct-29-<br>2019 | RF IMPEDANCE MATCHING CIRCUIT AND SYSTEMS AND METHODS INCORPORATING SAME                       | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP-CON2 | Granted  | 16665778 | Oct-28-<br>2019 | 10707057 | Jul-07-<br>2020 | RF IMPEDANCE MATCHING CIRCUIT AND SYSTEMS AND METHODS INCORPORATING SAME                       | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP-CON3 | Granted  | 16922228 | Jul-07-<br>2020 | 11195698 | Dec-07-<br>2021 | RF IMPEDANCE MATCHING CIRCUIT AND SYSTEMS AND METHODS INCORPORATING SAME                       | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP-CON4 | Granted  | 17182902 | Feb-23-<br>2021 | 11189466 | Nov-30-<br>2021 | HIGH VOLTAGE<br>SWITCHING CIRCUIT<br>(TRACK ONE)   | United<br>States of<br>America |
| RENO-<br>029-US-<br>CIP-CON5 | Pending  | 17534924 | Nov-24-<br>2021 |          |                 | RF IMPEDANCE<br>MATCHING NETWORK   | United<br>States of<br>America |
| RENO-<br>032-P               | Inactive | 62359876 | Jul-08-<br>2016 |          |                 | S-Map Data Collection Time<br>Reduction  | United<br>States of<br>America |
| RENO-<br>033-P               | Inactive | 62376149 | Aug-17-<br>2016 |          |                 | CONSISTENT RF POWER<br>DELIVERY  | United<br>States of<br>America |
| RENO-<br>035-P               | Inactive | 62407009 | Oct-12-<br>2016 |          |                 | OUTPUT VOLTAGE AND<br>CURRENT<br>DETERMINATION   | United<br>States of<br>America |
| RENO-<br>036-P               | Inactive | 62409635 | Oct-18-<br>2016 |          |                 | HIGH VOLTAGE AND HIGH<br>POWER FET DRIVER FOR<br>SWITCHING PIN DIODES<br>IN A CAPACITIVE ARRAY | United<br>States of<br>America |
| RENO-<br>036-US              | Granted  | 15787374 | Oct-18-<br>2017 | 10340879 | Jul-02-<br>2019 | SWITCHING CIRCUIT  | United<br>States of<br>America |
| RENO-<br>037-P               | Inactive | 62424162 | Nov-18-<br>2016 |          |                 | HEAT PIPE INDUCTOR   | United<br>States of<br>America |
| RENO-<br>037-US              | Inactive | 15816351 | Nov-17-<br>2017 |          |                 | IMPEDANCE MATCHING<br>NETWORK USING HEAT<br>PIPE INDUCTOR                                      | United<br>States of<br>America |

| RENO-        | Granted    | 16415764 | May-17- | 10692699 | Jun-23-                                 | IMPEDANCE MATCHING        | United               |
|--------------|------------|----------|---------|----------|---|---------------------------|----------------------|
| 037-US-      | O. a. i.oa | 10110101 | 2019    | 10002000 | 2020                                    | WITH RESTRICTED           | States of            |
| CIP          |            |          |         |          |   | CAPACITOR SWITCHING       | America              |
| RENO-        | Inactive   | 62530446 | Jul-10- |          |   | RESTRICTED CAPACITOR      | United               |
| 040-P        |            |          | 2017    |          |   | SWITCHING                 | States of            |
|              |            |          |         |          |   |                           | America              |
| RENO-        | Granted    | 16029742 | Jul-09- | 10483090 | Nov-19-                                 | RESTRICTED CAPACITOR      | United               |
| 040-US       |            |          | 2018    |          | 2019                                    | SWITCHING                 | States of            |
|              |            |          |         |          |   |                           | America              |
| RENO-        | Inactive   | 62595222 | Dec-06- |          | § · · · · · · · · · · · · · · · · · · · | TUNING OUT PARASITIC      | United               |
| 041-P        |            |          | 2017    |          |   | CAPACITANCE OF AN RF      | States of            |
|              |            |          |         |          |   | SWITCH                    | America              |
| RENO-        | Granted    | 16211961 | Dec-06- | 10431424 | Oct-01-                                 | PARASITIC CAPACITANCE     | United               |
| 041-US       |            |          | 2018    |          | 2019                                    | COMPENSATION CIRCUIT      | States of            |
|              |            |          |         |          |   |                           | America              |
| RENO-        | Inactive   | 62620781 | Jan-23- |          |   | RF Switch for High Power  | United               |
| 043-P        |            |          | 2018    |          |   | Digital Matching Networks | States of            |
|              |            |          |         |          |   |                           | America              |
| RENO-        | Granted    | 16255269 | Jan-23- | 10679823 | Jun-09-                                 | Switching Circuit         | United               |
| 043-US       |            |          | 2019    | :        | 2020                                    |                           | States of            |
|              |            |          |         |          |   |                           | America              |
| RENO-        | Inactive   | 62670990 | May-14- |          |   | Architecture for RF Power | United               |
| 044-P        |            |          | 2018    |          |   | Amplifiers                | States of            |
|              | <u> </u>   |          |         |          |   |                           | America              |
| RENO-        | Granted    | 16410862 | May-13- | 11017983 | May-25-                                 | RF POWER AMPLIFIER        | United               |
| 044-US       |            |          | 2019    |          | 2021                                    |                           | States of<br>America |
| DENO         | 10         | 47000700 | Con 40  | 40004005 | A = 20                                  | RF IMPEDANCE              | United               |
| RENO-        | Granted    | 17022760 | Sep-16- | 10984985 | Apr-20-<br>2021                         | MATCHING NETWORK          | States of            |
| 044-US-      |            |          | 2020    |          | 2021                                    | (TRACK ONE)               | America              |
| CON<br>RENO- | Pending    | 17209071 | Mar-22- |          | ļ                                       | SWITCHING CIRCUIT         | United               |
| 044-US-      | reliality  | 17209071 | 2021    |          |   | OWN ON MICO ON COOL       | States of            |
| CON2         |            |          | 2021    |          |   |                           | America              |
| RENO-        | Inactive   | 62693625 | Jul-03- |          | <b></b>                                 | IMPEDANCE MATCHING        | United               |
| 045-P        | Machine    | 02000020 | 2018    | :        |   | USING ELECTRONICALLY      | States of            |
| 0401         |            |          | 2010    |          |   | VARIABLE CAPACITANCE      | America              |
|              |            | :        |         |          |   | AND FREQUENCY             |                      |
|              |            |          |         |          |   | CONSIDERATIONS            |                      |
| RENO-        | Granted    | 16502656 | Jul-03- | 11315758 | Apr-26-                                 | IMPEDANCE MATCHING        | United               |
| 045-US       |            |          | 2019    |          | 2022                                    | USING ELECTRONICALLY      | States of            |
|              |            |          |         |          |   | VARIABLE CAPACITANCE      | America              |
|              |            |          |         |          |   | AND FREQUENCY             |                      |
|              |            |          |         |          |   | CONSIDERATIONS            |                      |
| RENO-        | Inactive   | 62711141 | Jul-27- |          |   | One-Dimensional EVC       | United               |
| 046-P        |            |          | 2018    |          |   | Match with Variable       | States of            |
|              |            |          |         |          |   | Frequency Sweep Tuning    | America              |
| RENO-        | Granted    | 16524805 | Jul-29- | 10727029 | Jul-28-                                 | IMPEDANCE MATCHING        | United               |
| 046-US       |            |          | 2019    |          | 2020                                    | USING INDEPENDENT         | States of            |
|              |            |          |         | :        |   | CAPACITANCE AND           | America              |
|              | 1          |          |         |          |   | FREQUENCY CONTROL         |                      |

| RENO-         | Inactive   | 62741073      | Oct-04- |   | T       | Method To Perform RF        | United            |
|---------------|------------|---------------|---------|---|---------|-----------------------------|-------------------|
| 048-P         | HIGOUVE    | 02141010      | 2018    |   |         | Impedance Matching During   | States of         |
| U7U-1         |            |               | 2010    |   |         | When The RF Input Signal    | America           |
|               |            |               |         |   |         | That Has Multi-Level Power  |                   |
|               |            | 8             |         |   |         | Setpoints                   |                   |
| RENO-         | Inactive   | 62782915      | Dec-20- |   | ļ       | Method To Perform RF        | United            |
| 048-P2        | mactive    | 02/02913      | 2018    |   | -       | Impedance Matching During   | States of         |
| U40-P2        |            |               | 2010    |   |         | When The RF Input Signal    | America           |
|               |            |               |         |   | منتنا   | That Has Multi-Level Power  | Amenda            |
|               |            |               |         |   |         | Setpoints                   |                   |
| RENO-         | Granted    | 16592453      | Oct-03- | 11114280                                | Sep-07- | IMPEDANCE MATCHING          | United            |
| 048-US        | Granted    | 10092400      | 2019    | 11114200                                | 2021    | WITH MULTI-LEVEL            | States of         |
| V40-US        |            |               | 2019    |   | 2021    | POWER SETPOINT              | America           |
| DEMO          | la a ativa | CO7E40E4      | Ost 20  |   |         | New PIN Diode Topology to   | United            |
| RENO-         | Inactive   | 62751851      | Oct-29- |   |         | Increase Matching Network   | States of         |
| 049-P         |            |               | 2018    | 40<br>60<br>60<br>60                    |         | Switching Speed             | America           |
|               | 0 ( )      | 40054700      | O-1 40  | 40004000                                | A = 20  | IMPEDANCE MATCHING          | United            |
| RENO-         | Granted    | 16654788      | Oct-16- | 10984986                                | Apr-20- |                             | States of         |
| 049-US        |            |               | 2019    |   | 2021    | NETWORK AND METHOD          | America           |
| Ph (FE ) 1 /h |            | 20750250      | KI 04   |   |         | FTi-ling with VA/C          | United            |
| RENO-         | Inactive   | 62753959      | Nov-01- |   |         | Frequency Tuning with VVC   | •                 |
| 050-P         |            |               | 2018    |   |         | Adjustment                  | States of         |
|               |            | AA-VA-W-V 4 W |         |   | ļ       | T                           | America           |
| RENO-         | Inactive   | 62767717      | Nov-15- |   |         | Frequency Tuning with VVC   | United            |
| 050-P2        |            |               | 2018    |   |         | Adjustment                  | States of         |
| B5110         | ļ          | 2000-000      | 0 1 00  | 44004040                                | A       | IRANTO ARIOT RASTOLIBIO     | America<br>United |
| RENO-         | Granted    | 16667293      | Oct-29- | 11081316                                | Aug-03- | IMPEDANCE MATCHING          | 3                 |
| 050-US        |            |               | 2019    |   | 2021    | NETWORK AND METHOD          | States of         |
|               |            | 20            |         |   | ļ       | 84 46 Oi                    | America           |
| RENO-         | Inactive   | 62754768      | Nov-02- |   |         | Multi-Dimensional S-Map     | United            |
| 051-P         |            |               | 2018    |   |         |                             | States of         |
|               | <u> </u>   |               |         |   |         | COPPANOE MATORINO           | America           |
| RENO-         | Inactive   | 16673220      | Nov-04- |   |         | IMPEDANCE MATCHING          | United            |
| 051-US        |            |               | 2019    |   |         | NETWORK AND METHOD          | States of         |
|               | ļ          |               |         |   |         | E160 M . 1 0 16 D1          | America           |
| RENO-         | Inactive   | 62767587      | Nov-15- |   |         | EVC Match Self-Diagnostic   | United            |
| 052-P         |            |               | 2018    |   |         | Test                        | States of         |
|               |            |               |         |   |         | ELICATION FOR               | America           |
| RENO-         | Granted    | 16685698      | Nov-15- | 11120971                                | Sep-14- | DIAGNOSTICS FOR             | United            |
| 052-US        |            |               | 2019    |   | 2021    | IMPEDANCE MATCHING          | States of         |
|               |            |               |         | <u> </u>                                |         | NETWORK                     | America           |
| RENO-         | Inactive   | 62784590      | Dec-24- | *************************************** |         | Using a Band-Stop Filter to | United            |
| 053-P         |            |               | 2018    | *************************************** |         | Reduce Temperature Rise     | States of         |
|               |            |               |         | <u> </u>                                |         | and Switch Time             | America           |
| RENO-         | Granted    | 16722219      | Dec-20- | 11342160                                | May-24- | FILTER FOR IMPEDANCE        | United            |
| 053-US        |            |               | 2019    |   | 2022    | MATCHING                    | States of         |
| ~~~~~~~       |            |               |         |   |         |                             | America           |
| RENO-         | Inactive   | 62788269      | Jan-04- |   |         | Switching Circuit with      | United            |
| 054-P         |            |               | 2019    |   |         | Voltage Bias to Reduce      | States of         |
|               | شعموه      |               |         |   |         | Parasitic Capacitance and   | America           |
|               |            |               |         | 8                                       | 1       | Variability                 | 1                 |

| RENO-   | Granted                                 | 16735088  | Jan-06-         | 11342161                                | May-24-    | Switching Circuit with   | United    |
|---------|---|-----------|-----------------|---|------------|--|-----------|
| 054-US  | Gianteu                                 | 107 33000 | 2020            | 11342101                                | 2022       | Voltage Bias   | States of |
| 054-03  |   |           | 2020            |   | LULL       | Vollage Diag   | America   |
| RENO-   | Inactivo                                | 62796146  | Jan-24-         |   |            | A Wideband Amplitude and   | United    |
| ,       | Inactive                                | 02/90140  |                 |   |            | Phase Detection Circuit with   | States of |
| 055-P   |   |           | 2019            |   |            | 90° Phase Offset for   | America   |
|         |   |           |                 |   |            |  | Amenca    |
|         |   | 40740400  | . 45            | 44450000                                | 0-440      | Impedance Measurement  | United    |
| RENO-   | Granted                                 | 16743492  | Jan-15-         | 11150283                                | Oct-19-    | AMPLITUDE AND PHASE  | States of |
| 055-US  |   |           | 2020            |   | 2021       | DETECTION CIRCUIT  | }         |
|         |   |           |                 | *************************************** |            | OADAOITOD OMITOMINO  | America   |
| RENO-   | Inactive                                | 62812019  | Feb-28-         |   |            | CAPACITOR SWITCHING  | United    |
| 056-P   |   |           | 2019            |   |            |  | States of |
|         |   |           |                 |   |            |  | America   |
| RENO-   | Granted                                 | 16804324  | Feb-28-         | 10714314                                | Jul-14-    | IMPEDANCE MATCHING   | United    |
| 056-US  |   |           | 2020            |   | 2020       | NETWORK AND METHOD   | States of |
|         |   |           |                 |   |            |  | America   |
| RENO-   | Granted                                 | 16839424  | Apr-03-         | 10741364                                | Aug-11-    | IMPEDANCE MATCHING   | United    |
| 056-US- |   |           | 2020            |   | 2020       | NETWORK AND METHOD   | States of |
| CON     |   |           |                 | ********                                |            |  | America   |
| RENO-   | Inactive                                | 62812025  | Feb-28-         |   |            | EVC SWITCH LIMIT   | United    |
| 057-P   |   |           | 2019            |   |            |  | States of |
|         |   |           |                 |   |            |  | America   |
| RENO-   | Granted                                 | 16843138  | Apr-08-         | 10720309                                | Jul-21-    | IMPEDANCE MATCHING   | United    |
| 057-US  | O a a a a a a a a a a a a a a a a a a a | ,00,0100  | 2020            |   | 2020       | NETWORK AND METHOD   | States of |
| 00, 00  |   |           |                 |   |            |  | America   |
| RENO-   | Inactive                                | 62812032  | Feb-28-         |   | :          | FREQUENCY BASED  | United    |
| 058-P   | HICOUTE                                 | OLOTLOOL  | 2019            |   |            | BACUUM VARIABLE  | States of |
| 000-1   |   |           | 2010            |   |            | CAPACITOR ADJUSTMENT   | America   |
| RENO-   | Granted                                 | 16778181  | Jan-31-         | 11335540                                | May-17-    | IMPEDANCE MATCHING   | United    |
| 058-US  | Oranted                                 | 10170101  | 2020            | 11000070                                | 2022       | NETWORK AND METHOD   | States of |
| 030-03  |   |           | 2020            |   | 2022       | (4E) 4401(1() (1(E) 14(E) 14(E | America   |
| RENO-   | Pending                                 | 17722598  | Apr-18-         |   |            | IMPEDANCE MATCHING   | United    |
| 058-US- | renaing                                 | 17722330  | 2022            |   |            | NETWORK AND METHOD   | States of |
| 5       |   |           | 2022            |   |            | METWORK AND METHOD   | America   |
| CON     | Inactiva                                | 60040047  | Cab 20          |   |            | CONTROL LOOP AND   | United    |
| RENO-   | Inactive                                | 62812047  | Feb-28-<br>2019 |   |            | PARAMETERS   | States of |
| 059-P   |   |           | 2019            |   |            | PARAMETERS   | America   |
| DEMO    | 0,1-1                                   | 40000454  | 11.40           | 11004040                                | Mar-01-    | IMPEDANCE MATCHING   | United    |
| RENO-   | Granted                                 | 16926154  | Jul-10-         | 11264210                                | •          | NETWORK AND METHOD   | States of |
| 059-US  |   |           | 2020            |   | 2022       | METWORK AND METHOD   | 31        |
|         | ļ.,,                                    | 00040070  | F ( 00          |   |            | AD HIGTING CEDIES  | America   |
| RENO-   | Inactive                                | 62812053  | Feb-28-         |   |            | ADJUSTING SERIES   | United    |
| 060-P   |   |           | 2019            |   | -          | OUTPUT VVC   | States of |
|         |   |           |                 |   | ļ          |  | America   |
| RENO-   | Inactive                                | 62848325  | May-15-         |   | تندين      | Auto Voltage or Current  | United    |
| 065-P   |   |           | 2019            |   | بينين      | Ratio Tuning   | States of |
|         |   |           |                 |   | <u>}</u>   |  | America   |
| RENO-   | Inactive                                | 62850589  | May-21-         |   |            | Matching Network Tuning  | United    |
| 066-P   |   |           | 2019            |   |            | with Reduced Memory  | States of |
|         |   |           |                 |   | Territorio | Requirements   | America   |

|         | *************************************** |   |         |  |          | COMPRESSION AND MARKET                                 | 1 1 - 14   |
|---------|---|---|---------|--|----------|--|------------|
| RENO-   | Granted                                 | 16879928                                | May-21- | 11538662                               | Dec-27-  | IMPEDANCE MATCHING                                     | United     |
| 066-US  |   |   | 2020    |  | 2022     | NETWORK AND METHOD                                     | States of  |
|         |   |   |         |  |          | WITH REDUCED MEMORY                                    | America    |
|         |   | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          | REQUIREMENTS   |            |
| RENO-   | Granted                                 | 16879969                                | May-21- | 11521831                               | Dec-06-  | IMPEDANCE MATCHING                                     | United     |
| 066-US2 |   |   | 2020    |  | 2022     | NETWORK AND METHOD                                     | States of  |
|         |   |   |         |  |          | WITH REDUCED MEMORY                                    | America    |
|         |   |   |         |  |          | REQUIREMENTS   |            |
| RENO-   | Inactive                                | 62873370                                | Jul-12- |  |          | Method for performing RF                               | United     |
| 067-P   |   |   | 2019    |  |          | impedance matching with                                | States of  |
|         |   |   |         |  |          | restricted switching in a                              | America    |
|         |   |   |         |  |          | solid-state RF matching                                |            |
| RENO-   | Granted                                 | 16926002                                | Jul-10- | 11101110                               | Aug-24-  | IMPEDANCE MATCHING                                     | United     |
| 067-US  |   |   | 2020    |  | 2021     | NETWORK AND METHOD                                     | States of  |
| 55. 55  |   |   |         | :                                      |          |  | America    |
| RENO-   | Inactive                                | 62876998                                | Jul-22- |  |          | Multiple Acceptable                                    | United     |
| 068-P   | MUUNT                                   | 020,0000                                | 2019    |  |          | Capacitor Positions in a                               | States of  |
| 000-1   | :                                       |   | 2010    |  |          | Solid-State RF Matching                                | America    |
|         | -                                       |   |         |  |          | Network  |            |
| RENO-   | Inactive                                | 63004682                                | Apr-03- |  |          | Multiple Acceptable                                    | United     |
| 068-P2  | IIIacuve                                | 00004002                                | 2020    | :                                      |          | Capacitor Positions in a                               | States of  |
| U00-F2  |   |   | 2020    |  |          | Solid-State RF Matching                                | America    |
|         |   | :                                       |         |  |          | Network  | 7 11101100 |
| RENO-   | Granted                                 | 16935600                                | Jul-22- | 11289307                               | Mar-29-  | IMPEDANCE MATCHING                                     | United     |
| 068-US  | Granieu                                 | 10933000                                | 2020    | 11209301                               | 2022     | NETWORK AND METHOD                                     | States of  |
| 000-03  |   |   | 2020    |  | 2022     | METWORK AND METHOD                                     | America    |
| DENO    | Crantod                                 | 16935643                                | Jul-22- | 11393659                               | Jul-19-  | IMPEDANCE MATCHING                                     | United     |
| RENO-   | Granted                                 | 10933043                                | į.      | 11393039                               | 2022     | NETWORK AND METHOD                                     | States of  |
| 068-US2 |   |   | 2020    |  | 2022     | NETWORK AND METHOD                                     | America    |
| DENO    | 1                                       | C0042020                                | D 05    |  |          | Diagnosing Plasma Chamber                              | United     |
| RENO-   | Inactive                                | 62943838                                | Dec-05- | 6:<br>6:<br>6:<br>6:                   |          | Characteristics and Using                              | States of  |
| 069-P   |   |   | 2019    |  |          | ,  | America    |
|         |   |   |         |  |          | Artificial Intelligence in<br>Semiconductor Processing | Amenda     |
|         |   | 47444740                                | D 04    | 44470004                               | 0-440    |  | United     |
| RENO-   | Granted                                 | 17111743                                | Dec-04- | 11476091                               | Oct-18-  | IMPEDANCE MATCHING                                     | 2 .        |
| 069-US  |   |   | 2020    |  | 2022     | NETWORK FOR  | States of  |
|         |   |   |         |  |          | DIAGNOSING PLASMA                                      | America    |
|         |   |   |         |  |          | CHAMBER  | 11-11-4    |
| RENO-   | Granted                                 | 17111830                                | Dec-04- | 11398370                               | Jul-26-  | SEMICONDUCTOR  | United     |
| 069-US2 |   |   | 2020    |  | 2022     | MANUFACTURING USING                                    | States of  |
|         | ļ                                       |   |         |  |          | ARTIFICIAL INTELLIGENCE                                | America    |
| RENO-   | Granted                                 | 17344327                                | Jun-10- | 11557461                               | Jan-17-  | IMPEDANCE MATCHING                                     | United     |
| 069-US- |   |   | 2021    | ******                                 | 2023     | NETWORK  | States of  |
| CON     |   |   |         |  |          |  | America    |
| RENO-   | Inactive                                | 63059229                                | Jul-31- |  |          | Description of Combined RF                             | United     |
| 070-P   |   | :                                       | 2020    | :                                      | <b>!</b> | Generator and RF Solid-                                | States of  |
|         |   | بالم                                    |         | :                                      |          | State Matching Network                                 | America    |
| RENO-   | Granted                                 | 17363207                                | Jun-30- | 11521833                               | Dec-06-  | COMBINED RF  | United     |
| 070-US  |   | ·                                       | 2021    |  | 2022     | GENERATOR AND RF                                       | States of  |
|         |   |   |         | 7777                                   |          | SOLID-STATE MATCHING                                   | America    |
|         | 5                                       | 5                                       | 1       | 3                                      | 1        | NETWORK  | t .        |

| RENO-   | Pending    | 17979180 | Nov-02-         | COMBINED RF                      | United           |
|---------|------------|----------|-----------------|----------------------------------|------------------|
| 070-US- | , 0.14.1.9 | 1,0,0,0  | 2022            | GENERATOR AND RF                 | States of        |
| CON     |            |          |                 | SOLID-STATE MATCHING             | America          |
|         |            |          |                 | NETWORK                          |                  |
| RENO-   | Inactive   | 63107504 | Oct-30-         | Improving On-Wafer Process       | United           |
| 071-P   |            |          | 2020            | Results Using Sensor Data        | States of        |
|         |            |          |                 |                                  | America          |
| RENO-   | Pending    | 11111302 | Apr-06-         | RF IMPEDANCE                     | Taiwan           |
| 072-TW  |            | 8        | 2022            | MATCHING NETWORK                 |                  |
| RENO-   | Pending    | 17723702 | Apr-19-         | RESONANT FILTER FOR              | United           |
| 073-US- |            | :        | 2022            | SOLID STATE RF                   | States of        |
| CIP     |            |          |                 | IMPEDANCE MATCHING               | America          |
| DENO    | 1 4:       | 00400000 | Man. 05         | NETWORK  EVC Cap Array Avalanche | United           |
| RENO-   | Inactive   | 63192602 | May-25-<br>2021 | Clamp                            | States of        |
| 074-P   |            |          | 2021            | Clamp                            | America          |
| RENO-   | Pending    | PCT/US22 | May-23-         | RF IMPEDANCE                     | World            |
| 074-PCT | renung     | /30483   | 2022            | MATCHING NETWORK                 | Intellectu       |
| 0/4-601 |            | 750400   | 2022            | WITH CLAMPING CIRCUIT            | al               |
|         |            |          |                 |                                  | Property         |
|         |            |          |                 |                                  | Org.             |
|         |            |          |                 |                                  | (WIPO)           |
| RENO-   | Pending    | 11111941 | May-25-         | RF IMPEDANCE                     | Taiwan           |
| 074-TW  |            | 7        | 2022            | MATCHING NETWORK                 |                  |
|         |            |          |                 | WITH CLAMPING CIRCUIT            |                  |
| RENO-   | Inactive   | 63193183 | May-26-         | Balancing RF Voltages            | United           |
| 075-P   |            |          | 2021            | Across Series-Connected          | States of        |
|         |            |          |                 | PiN Diodes                       | America          |
| RENO-   | Pending    | PCT/US22 | May-25-         | RF IMPEDANCE                     | World            |
| 075-PCT |            | /30796   | 2022            | MATCHING NETWORK                 | Intellectu       |
|         |            |          |                 | WITH SERIES-                     | al               |
|         |            |          |                 | CONNECTED DIODE SWITCHES         | Property<br>Org. |
|         |            |          |                 | SWITCHES                         | (WIPO)           |
| RENO-   | Donding    | 11111965 | May-26-         | RF IMPEDANCE                     | Taiwan           |
| 075-TW  | Pending    | 11111300 | 2022            | MATCHING NETWORK                 | I MITTER!        |
| 010-144 |            | •        | LULL            | WITH SERIES-                     |                  |
|         |            |          |                 | CONNECTED DIODE                  |                  |
|         |            |          |                 | SWITCHES                         |                  |
| RENO-   | Pending    | 63420829 | Oct-31-         | Method of Controlling a          | United           |
| 076-P   |            | ,        | 2022            | Multi-Source Matching            | States of        |
|         |            |          |                 | Network                          | America          |
| RENO-   | Pending    | 63420855 | Oct-31-         | Method of Controlling a          | United           |
| 077-P   |            |          | 2022            | Multi-Source Matching            | States of        |
|         |            |          |                 | Network                          | America          |

**RECORDED: 10/02/2023**