PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8214849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENO SUB-SYSTEMS, INC.	06/29/2023

RECEIVING PARTY DATA

Name:	ASM AMERICA, INC.
Street Address:	3440 EAST UNIVERSITY DRIVE
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85034

PROPERTY NUMBERS Total: 124

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

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

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	RENO-CORP-109
NAME OF SUBMITTER:	OLIVIA BOLDUC
SIGNATURE:	/Olivia Bolduc/
DATE SIGNED:	10/11/2023

Total Attachments: 11
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PATENT ASSIGNMENT

This Patent Assignment is made and entered into as of the 29th day of June, 2023, by and between Reno Sub-Systems, Inc., a Delaware corporation having a registered office at 1105 N. Market Street, Suite 1300, Wilmington, DE 19899 ("Assignor"), and ASM America, Inc., a Delaware corporation having a registered office at 3440 East University Drive, Phoenix, AZ 85034 ("Assignee").

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

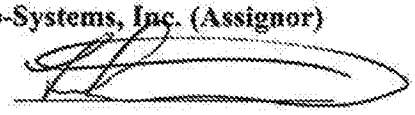
kind under the Patents, including, without limitation, the right to sue for all past, present and future infringements or other violations of any rights relating thereto, to settle, defend, compromise and retain proceeds from any actions, suits, or proceedings relating to the transferred and assigned 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.

Reno Sub-Systems, Inc. (Assignor)

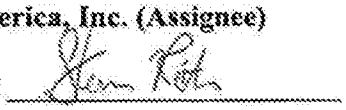
Signature: 

Name: Todd Westersund

Title: Secretary and Treasurer

Date: June 29, 2023

ASM America, Inc. (Assignee)

Signature: 

Name: Steven Reiter

Title: Secretary and Treasurer

Date: June 29, 2023

SCHEDULE A

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

						GENERATORS VIA VARIABLE DC RAIL	
RENO-007-US	Granted	14700209	Apr-30-2015	9345122	May-17-2016	METHOD FOR CONTROLLING AN RF GENERATOR	United States of America
RENO-007-US-CIP	Granted	15223984	Jul-29-2016	9728378	Aug-08-2017	METHOD FOR CONTROLLING AN RF GENERATOR	United States of America
RENO-007-US-CON	Granted	15061020	Mar-04-2016	9543122	Jan-10-2017	METHOD FOR CONTROLLING AN RF GENERATOR	United States of America
RENO-008-P	Inactive	61987721	May-02-2014			METHOD FOR HIGH SPEED PULSING OF A HETERODYNE CIRCUIT	United States of America
RENO-008-US	Granted	14702863	May-04-2015	9591739	Mar-07-2017	MULTI-STAGE HETERODYNE CONTROL CIRCUIT	United States of America
RENO-009-P	Inactive	61987725	May-02-2014			RF GENERATOR PROTECTION USING INFOMRAITON FROM ABRUPT RATE OF CHANGE RF VOLTAGE, RF CURRENT, AND PHASE ANGLE OF LOAD IMPEDANCE	United States of America
RENO-009-US	Granted	14702900	May-04-2015	9745660	Aug-29-2017	METHOD FOR CONTROLLING A PLASMA CHAMBER	United States of America
RENO-010-P	Inactive	62019591	Jul-01-2014			EVC Based RF Matching Network with Frequency Tuning	United States of America
RENO-010-US	Granted	14788888	Jul-01-2015	9697991	Jul-04-2017	RF IMPEDANCE MATCHING NETWORK	United States of America
RENO-011-P	Inactive	62044071	Aug-29-2014			FULLY ENCLOSED RF GENERATOR	United States of America
RENO-012-P	Inactive	62077750	Nov-10-2014			Capacitor Array Having High Voltage Switched by Multiple Series Connected Switching Devices	United States of America
RENO-012-US	Granted	14936978	Nov-10-2015	9844127	Dec-12-2017	HIGH VOLTAGE SWITCHING CIRCUIT	United States of America
RENO-013-P	Inactive	62077753	Nov-10-2014			High Voltage Cascode Switch for Driving a PiN/NiP Diode	United States of America

RENO-013-US	Inactive	14935859	Nov-09-2015			HIGH VOLTAGE CONTROL CIRCUIT FOR AN ELECTRONIC SWITCH	United States of America
RENO-014-P	Inactive	62117728	Feb-18-2015			HIGH VOLTAGE RF SWITCH	United States of America
RENO-014-US	Granted	15046585	Feb-18-2016	9525412	Dec-20-2016	SWITCHING CIRCUIT	United States of America
RENO-014-US-CIP	Granted	15384904	Dec-20-2016	9729122	Aug-08-2017	SWITCHING CIRCUIT	United States of America
RENO-014-US-CIP-CON	Granted	15667951	Aug-03-2017	10217608	Feb-26-2019	SWITCHING CIRCUIT FOR RF CURRENTS	United States of America
RENO-015-P	Inactive	62097498	Dec-29-2014			RF Matching Using s-parameter Prediction	United States of America
RENO-015-US	Granted	14982244	Dec-29-2015	10454453	Oct-22-2019	RF IMPEDANCE MATCHING NETWORK	United States of America
RENO-016-P	Inactive	62118552	Feb-20-2015			HYBRID RF MATCHING NETWORK	United States of America
RENO-016-US	Granted	14734053	Jun-09-2015	9306533	Apr-05-2016	RF IMPEDANCE MATCHING NETWORK	United States of America
RENO-016-US-CON	Granted	15061068	Mar-04-2016	9584090	Feb-28-2017	RF IMPEDANCE MATCHING NETWORK	United States of America
RENO-017-US	Granted	11368690	Mar-06-2006	7251121	Jul-31-2007	ELECTRONICALLY VARIABLE CAPACITOR ARRAY	United States of America
RENO-018-US	Granted	11329977	Jan-11-2006	7298128	Nov-20-2007	METHOD OF DETECTING RF POWER DELIVERED TO A LOAD AND COMPLEX IMPEDANCE OF THE LOAD	United States of America
RENO-019-P	Inactive	62185998	Jun-29-2015			High Voltage Reduction Circuit Used for Variable Capacitor Applications	United States of America
RENO-019-US	Granted	15196821	Jun-29-2016	10699880	Jun-30-2020	VOLTAGE REDUCTION CIRCUIT	United States of America
RENO-028-P	Inactive	62303625	Mar-04-2016			Varying Capacitance Using a Partial Binary Approach	United States of America
RENO-028-US	Granted	15450495	Mar-06-2017	10679824	Jun-09-2020	CAPACITANCE VARIATION	United States of America

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

RENO-037-US-CIP	Granted	16415764	May-17-2019	10692699	Jun-23-2020	IMPEDANCE MATCHING WITH RESTRICTED CAPACITOR SWITCHING	United States of America
RENO-040-P	Inactive	62530446	Jul-10-2017			RESTRICTED CAPACITOR SWITCHING	United States of America
RENO-040-US	Granted	16029742	Jul-09-2018	10483090	Nov-19-2019	RESTRICTED CAPACITOR SWITCHING	United States of America
RENO-041-P	Inactive	62595222	Dec-06-2017			TUNING OUT PARASITIC CAPACITANCE OF AN RF SWITCH	United States of America
RENO-041-US	Granted	16211961	Dec-06-2018	10431424	Oct-01-2019	PARASITIC CAPACITANCE COMPENSATION CIRCUIT	United States of America
RENO-043-P	Inactive	62620781	Jan-23-2018			RF Switch for High Power Digital Matching Networks	United States of America
RENO-043-US	Granted	16255269	Jan-23-2019	10679823	Jun-09-2020	Switching Circuit	United States of America
RENO-044-P	Inactive	62670990	May-14-2018			Architecture for RF Power Amplifiers	United States of America
RENO-044-US	Granted	16410862	May-13-2019	11017983	May-25-2021	RF POWER AMPLIFIER	United States of America
RENO-044-US-CON	Granted	17022760	Sep-16-2020	10984985	Apr-20-2021	RF IMPEDANCE MATCHING NETWORK (TRACK ONE)	United States of America
RENO-044-US-CON2	Pending	17209071	Mar-22-2021			SWITCHING CIRCUIT	United States of America
RENO-045-P	Inactive	62693625	Jul-03-2018			IMPEDANCE MATCHING USING ELECTRONICALLY VARIABLE CAPACITANCE AND FREQUENCY CONSIDERATIONS	United States of America
RENO-045-US	Granted	16502656	Jul-03-2019	11315758	Apr-26-2022	IMPEDANCE MATCHING USING ELECTRONICALLY VARIABLE CAPACITANCE AND FREQUENCY CONSIDERATIONS	United States of America
RENO-046-P	Inactive	62711141	Jul-27-2018			One-Dimensional EVC Match with Variable Frequency Sweep Tuning	United States of America
RENO-046-US	Granted	16524805	Jul-29-2019	10727029	Jul-28-2020	IMPEDANCE MATCHING USING INDEPENDENT CAPACITANCE AND FREQUENCY CONTROL	United States of America

RENO-048-P	Inactive	62741073	Oct-04-2018			Method To Perform RF Impedance Matching During When The RF Input Signal That Has Multi-Level Power Setpoints	United States of America
RENO-048-P2	Inactive	62782915	Dec-20-2018			Method To Perform RF Impedance Matching During When The RF Input Signal That Has Multi-Level Power Setpoints	United States of America
RENO-048-US	Granted	16592453	Oct-03-2019	11114280	Sep-07-2021	IMPEDANCE MATCHING WITH MULTI-LEVEL POWER SETPOINT	United States of America
RENO-049-P	Inactive	62751851	Oct-29-2018			New PIN Diode Topology to Increase Matching Network Switching Speed	United States of America
RENO-049-US	Granted	16654788	Oct-16-2019	10984986	Apr-20-2021	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-050-P	Inactive	62753959	Nov-01-2018			Frequency Tuning with VVC Adjustment	United States of America
RENO-050-P2	Inactive	62767717	Nov-15-2018			Frequency Tuning with VVC Adjustment	United States of America
RENO-050-US	Granted	16667293	Oct-29-2019	11081316	Aug-03-2021	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-051-P	Inactive	62754768	Nov-02-2018			Multi-Dimensional S-Map	United States of America
RENO-051-US	Inactive	16673220	Nov-04-2019			IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-052-P	Inactive	62767587	Nov-15-2018			EVC Match Self-Diagnostic Test	United States of America
RENO-052-US	Granted	16685698	Nov-15-2019	11120971	Sep-14-2021	DIAGNOSTICS FOR IMPEDANCE MATCHING NETWORK	United States of America
RENO-053-P	Inactive	62784590	Dec-24-2018			Using a Band-Stop Filter to Reduce Temperature Rise and Switch Time	United States of America
RENO-053-US	Granted	16722219	Dec-20-2019	11342160	May-24-2022	FILTER FOR IMPEDANCE MATCHING	United States of America
RENO-054-P	Inactive	62788269	Jan-04-2019			Switching Circuit with Voltage Bias to Reduce Parasitic Capacitance and Variability	United States of America

RENO-054-US	Granted	16735088	Jan-06-2020	11342161	May-24-2022	Switching Circuit with Voltage Bias	United States of America
RENO-055-P	Inactive	62796146	Jan-24-2019			A Wideband Amplitude and Phase Detection Circuit with 90° Phase Offset for Impedance Measurement	United States of America
RENO-055-US	Granted	16743492	Jan-15-2020	11150283	Oct-19-2021	AMPLITUDE AND PHASE DETECTION CIRCUIT	United States of America
RENO-056-P	Inactive	62812019	Feb-28-2019			CAPACITOR SWITCHING	United States of America
RENO-056-US	Granted	16804324	Feb-28-2020	10714314	Jul-14-2020	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-056-US-CON	Granted	16839424	Apr-03-2020	10741364	Aug-11-2020	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-057-P	Inactive	62812025	Feb-28-2019			EVC SWITCH LIMIT	United States of America
RENO-057-US	Granted	16843138	Apr-08-2020	10720309	Jul-21-2020	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-058-P	Inactive	62812032	Feb-28-2019			FREQUENCY BASED BACUUM VARIABLE CAPACITOR ADJUSTMENT	United States of America
RENO-058-US	Granted	16778181	Jan-31-2020	11335540	May-17-2022	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-058-US-CON	Pending	17722598	Apr-18-2022			IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-059-P	Inactive	62812047	Feb-28-2019			CONTROL LOOP AND PARAMETERS	United States of America
RENO-059-US	Granted	16926154	Jul-10-2020	11264210	Mar-01-2022	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-060-P	Inactive	62812053	Feb-28-2019			ADJUSTING SERIES OUTPUT VVC	United States of America
RENO-065-P	Inactive	62848325	May-15-2019			Auto Voltage or Current Ratio Tuning	United States of America
RENO-066-P	Inactive	62850589	May-21-2019			Matching Network Tuning with Reduced Memory Requirements	United States of America

RENO-066-US	Granted	16879928	May-21-2020	11538662	Dec-27-2022	IMPEDANCE MATCHING NETWORK AND METHOD WITH REDUCED MEMORY REQUIREMENTS	United States of America
RENO-066-US2	Granted	16879969	May-21-2020	11521831	Dec-06-2022	IMPEDANCE MATCHING NETWORK AND METHOD WITH REDUCED MEMORY REQUIREMENTS	United States of America
RENO-067-P	Inactive	62873370	Jul-12-2019			Method for performing RF impedance matching with restricted switching in a solid-state RF matching	United States of America
RENO-067-US	Granted	16926002	Jul-10-2020	11101110	Aug-24-2021	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-068-P	Inactive	62876998	Jul-22-2019			Multiple Acceptable Capacitor Positions in a Solid-State RF Matching Network	United States of America
RENO-068-P2	Inactive	63004682	Apr-03-2020			Multiple Acceptable Capacitor Positions in a Solid-State RF Matching Network	United States of America
RENO-068-US	Granted	16935600	Jul-22-2020	11289307	Mar-29-2022	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-068-US2	Granted	16935643	Jul-22-2020	11393659	Jul-19-2022	IMPEDANCE MATCHING NETWORK AND METHOD	United States of America
RENO-069-P	Inactive	62943838	Dec-05-2019			Diagnosing Plasma Chamber Characteristics and Using Artificial Intelligence in Semiconductor Processing	United States of America
RENO-069-US	Granted	17111743	Dec-04-2020	11476091	Oct-18-2022	IMPEDANCE MATCHING NETWORK FOR DIAGNOSING PLASMA CHAMBER	United States of America
RENO-069-US2	Granted	17111830	Dec-04-2020	11398370	Jul-26-2022	SEMICONDUCTOR MANUFACTURING USING ARTIFICIAL INTELLIGENCE	United States of America
RENO-069-US-CON	Granted	17344327	Jun-10-2021	11557461	Jan-17-2023	IMPEDANCE MATCHING NETWORK	United States of America
RENO-070-P	Inactive	63059229	Jul-31-2020			Description of Combined RF Generator and RF Solid-State Matching Network	United States of America
RENO-070-US	Granted	17363207	Jun-30-2021	11521833	Dec-06-2022	COMBINED RF GENERATOR AND RF SOLID-STATE MATCHING NETWORK	United States of America

RENO-070-US-CON	Pending	17979180	Nov-02-2022			COMBINED RF GENERATOR AND RF SOLID-STATE MATCHING NETWORK	United States of America
RENO-071-P	Inactive	63107504	Oct-30-2020			Improving On-Wafer Process Results Using Sensor Data	United States of America
RENO-072-TW	Pending	111113028	Apr-06-2022			RF IMPEDANCE MATCHING NETWORK	Taiwan
RENO-073-US-CIP	Pending	17723702	Apr-19-2022			RESONANT FILTER FOR SOLID STATE RF IMPEDANCE MATCHING NETWORK	United States of America
RENO-074-P	Inactive	63192602	May-25-2021			EVC Cap Array Avalanche Clamp	United States of America
RENO-074-PCT	Pending	PCT/US22/30483	May-23-2022			RF IMPEDANCE MATCHING NETWORK WITH CLAMPING CIRCUIT	World Intellectual Property Org. (WIPO)
RENO-074-TW	Pending	111119417	May-25-2022			RF IMPEDANCE MATCHING NETWORK WITH CLAMPING CIRCUIT	Taiwan
RENO-075-P	Inactive	63193183	May-26-2021			Balancing RF Voltages Across Series-Connected PiN Diodes	United States of America
RENO-075-PCT	Pending	PCT/US22/30796	May-25-2022			RF IMPEDANCE MATCHING NETWORK WITH SERIES-CONNECTED DIODE SWITCHES	World Intellectual Property Org. (WIPO)
RENO-075-TW	Pending	111119651	May-26-2022			RF IMPEDANCE MATCHING NETWORK WITH SERIES-CONNECTED DIODE SWITCHES	Taiwan
RENO-076-P	Pending	63420829	Oct-31-2022			Method of Controlling a Multi-Source Matching Network	United States of America
RENO-077-P	Pending	63420855	Oct-31-2022			Method of Controlling a Multi-Source Matching Network	United States of America