

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6257962

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIST SYSTEMS, INC.	08/01/2020

RECEIVING PARTY DATA

Name:	JUNIPER NETWORKS, INC.
Street Address:	1133 INNOVATION WAY
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089

PROPERTY NUMBERS Total: 33

Property Type	Number
Application Number:	14788489
Application Number:	15799824
Application Number:	14788496
Application Number:	15496331
Application Number:	16118184
Application Number:	16704656
Application Number:	16251942
PCT Number:	US2020014012
Application Number:	16296902
Application Number:	62155428
Application Number:	14811684
Application Number:	16265592
Application Number:	14811689
Application Number:	15135376
Application Number:	16036922
Application Number:	16710470
Application Number:	62197980
Application Number:	62701610
Application Number:	16517380
Application Number:	14850725

PATENT

Property Type	Number
Application Number:	15682466
Application Number:	15175020
Application Number:	15679128
PCT Number:	US2018000176
PCT Number:	US2019042223
PCT Number:	US2019068811
Application Number:	15352511
Application Number:	16264649
Application Number:	16287853
Application Number:	62699613
Application Number:	16147327
Application Number:	16237677
Application Number:	62667315

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 4213.000001

NAME OF SUBMITTER: MICHELLE RED BEAR

SIGNATURE: /Michelle Red Bear/

DATE SIGNED: 08/19/2020

Total Attachments: 13

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 4213.000001

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mist Systems, Inc.

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: August 1, 2020

2. Name and address of receiving party(ies):

Name: Juniper Networks, Inc.

Street Address: 1133 Innovation Way

City: Sunnyvale State: California Zip: 94089

Country: United States of America

Additional name(s) & address(es) attached? [] Yes
[X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. See Exhibit A (attached)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Garth Vivier

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

[] Enclosed

[] Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

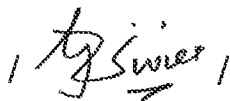
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Garth Vivier/Reg. No. 57,313

Name of Person Signing



Signature

08/18/2020

Date

Total number of pages including cover sheet: 12

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT
REEL: 053539 FRAME: 0914

ASSIGNMENT

WHEREAS, Mist Systems, Inc., an entity organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at 1601 SOUTH DE ANZA BLVD, SUITE 248, CUPERTINO, CA 95014, United States of America (hereinafter "Assignor"), is the owner of assets including patents and patent applications (identified in Appendix A), invention disclosures, and unfiled patent applications (hereinafter collectively "Patent Properties"), including all inventions and other subject matter described in the Patent Properties;

AND WHEREAS, Juniper Networks, Inc., an entity organized and existing under and by virtue of the laws of Delaware, United States of America, and having an office and place of business at 1133 Innovation Way, Sunnyvale, California 94089, United States of America (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Patent Properties, including all inventions and other subject matter described therein, and any patent to be obtained in relation therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor hereby:

ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of said Patent Properties;

all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions, based in whole or in part on any of said Patent Properties (including any application for a utility model or an innovation patent application);

the right to claim priority to said Patent Properties in relation to subject matter based in whole or in part on said Patent Properties and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and the right to all causes of action, remedies, and other enforcement rights related to said Patent Properties, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 151807 may (directly or through his/her designee) delete, insert, or alter any information related to said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assignor relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

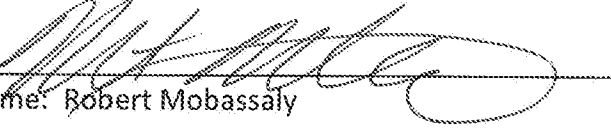
COVENANTS, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

THE EFFECTIVE DATE of this agreement is August 1, 2020.

AGREED to by Assignor as of the Date of the Signature Below:

Assignor: Mist Systems, Inc.

Signature: 

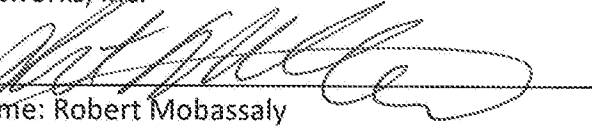
Printed Name: Robert Mobassaly

Title: Vice President and Secretary

Date: August 1, 2020

ACCEPTED by Assignee as of the Date of the Signature Below:

Assignee: Juniper Networks, Inc.

Signature: 

Printed Name: Robert Mobassaly

Title: Vice President, Deputy General Counsel and
Assistant Secretary

Date: August 1, 2020

APPENDIX A

File #	Client File #	Title	Date Filed	Country Name	Status	Application #	Grant Date	Patent #
4213.091US2	JNA0100-US-CON1	METHODS AND APPARATUS FOR USING RECEIVED SIGNAL STRENGTH INFORMATION IN A WIRELESS SYSTEM	Jul 2, 2020	US	Pending	16/919,762		
4213.076DE1	JNA0093-DE	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	DE	Issued	16818483.6	Feb 12, 2020	602016029750.7
4213.076EP1	JNA0093-EP	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	EP	Issued	16818483.6	Feb 12, 2020	3318045
4213.076EP2	JNA0093-EP-DIV1	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	EP	Pending	20156723.7		
4213.076FR1	JNA0093-FR	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	FR	Issued	16818483.6	Feb 12, 2020	3318045
4213.076GB1	JNA0093-GB	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	GB	Issued	16818483.6	Feb 12, 2020	3318045
4213.076US1	JNA0093-US	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 30, 2015	US	Issued	14/788,489	Nov 28, 2017	9832082
4213.076US2	JNA0093-US-CON1	MONITORING WIRELESS ACCESS POINT EVENTS	Oct 31, 2017	US	Pending	15/799,824		
4213.076WO1	JNA0093-WO	MONITORING WIRELESS ACCESS POINT EVENTS	Jun 22, 2016	PCT	Completed	PCT/US2016/038674		
4213.077US1	JNA0092-US	ACCESS ENFORCEMENT AT A WIRELESS ACCESS POINT	Jun 30, 2015	US	Issued	14/788,496	Jun 20, 2017	9686289
4213.077US2	JNA0092-US-CON1	ACCESS ENFORCEMENT AT A WIRELESS ACCESS POINT	Apr 25, 2017	US	Issued	15/496,331	Oct 2, 2018	10091209
4213.077US3	JNA0092-US-CON2	ACCESS ENFORCEMENT AT A WIRELESS ACCESS POINT	Aug 30, 2018	US	Issued	16/118,184	Mar 3, 2020	10581863
4213.077US4	JNA0092-US-CON3	ACCESS ENFORCEMENT AT A WIRELESS ACCESS POINT	Dec 5, 2019	US	Pending	16/704,656		
4213.077WO1	JNA0092-WO	ACCESS ENFORCEMENT AT A WIRELESS ACCESS POINT	Jun 22, 2016	PCT	Completed	PCT/US2016/038676		
4213.079US1	JNA0103-US	METHOD FOR SPATIO-TEMPORAL MONITORING	Jan 18, 2019	US	Pending	16/251,942		
4213.079WO1	JNA0103-WO	METHOD FOR SPATIO-TEMPORAL MONITORING	Jan 17, 2020	PCT	Pending	PCT/US2020/014012		
4213.080AU1	JNA0104-AU	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Feb 18, 2020	AU	Pending	2020201136		

4213.080CA1	JNA0104-CA	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Jan 27, 2020	CA	Pending	3,069,905		
4213.080CN1	JNA0104-CN	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Feb 18, 2020	CN	Pending	20201009998 3.4		
4213.080EP1	JNA0104-EP	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Feb 19, 2020	EP	Pending	20158139.4		
4213.080JP1	JNA0104-JP	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Feb 19, 2020	JP	Pending	2020-026002		
4213.080US1	JNA0104-US	SYSTEMS AND METHODS FOR A VIRTUAL NETWORK ASSISTANT	Feb 19, 2019	US	Pending	16/279,243		
4213.081AU1	JNA0106-AU	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Feb 28, 2020	AU	Pending	2020201459		
4213.081CA1	JNA0106-CA	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Feb 3, 2020	CA	Pending	3,070,840		
4213.081CN1	JNA0106-CN	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Mar 6, 2020	CN	Pending	20201015301 1.9		
4213.081EP1	JNA0106-EP	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Mar 5, 2020	EP	Pending			
4213.081JP1	JNA0106-JP	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Mar 4, 2020	JP	Pending	2020-036568		
4213.081US1	JNA0106-US	METHOD FOR CONVEYING AP ERROR CODES OVER BLE ADVERTISEMENTS	Mar 8, 2019	US	Pending	16/296,902		
4213.082AU1	JNA0094-AU	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	AU	Issued	2016256474	Mar 26, 2020	201625647 4
4213.082AU2	JNA0094-AU DIV1	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	AU	Pending	2020201822		

4213.082CA1	JNA0094-CA	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	CA	Pending	2,984,555		
4213.082EP1	JNA0094-EP	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	EP	Pending	16787294.4		
4213.082JP1	JNA0094-JP	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	JP	Allowed	2018-509733		
4213.082JP2	JNA0094-JP-DIV	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	JP	Pending	2020-127351		
4213.082PRV	JNA0091-US-P	METHODS AND APPARATUS FOR GENERATING, TRANSMITTING AND/OR USING BEACONS	Apr 30, 2015	US	Expired	62/155,428		
4213.082US1	JNA0091-US-ORG1	METHODS AND APPARATUS FOR GENERATING, TRANSMITTING AND/OR USING BEACONS	Jul 28, 2015	US	Issued	14/811,684	Feb 26, 2019	10219166
4213.082US2	JNA0091-US-CON1	METHODS AND APPARATUS FOR GENERATING, TRANSMITTING AND/OR USING BEACONS	Feb 1, 2019	US	Allowed	16/265,592		
4213.082US3	JNA0094-US	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Jul 28, 2015	US	Issued	14/811,689	Jun 7, 2016	9363784
4213.082US4	JNA0094-US-CON1	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 21, 2016	US	Issued	15/135,376	Jul 17, 2018	10028199
4213.082US5	JNA0094-US-CON2	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Jul 16, 2018	US	Issued	16/036,922	Jan 14, 2020	10536894
4213.082US6	JNA0094-US-CON3	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Dec 11, 2019	US	Pending	16/710,470		

4213.082WO1	JNA0091-WO	METHODS AND APPARATUS FOR GENERATING, TRANSMITTING AND/OR USING BEACONS	Apr 30, 2016	PCT	Completed	PCT/US2016/030324		
4213.082WO2	JNA0094-WO	METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS	Apr 30, 2016	PCT	Completed	PCT/US2016/030326		
4213.083PRV	JNA0091-USP2	METHODS AND APPARATUS FOR GENERATING, TRANSMITTING AND/OR USING BEACONS	Jul 28, 2015	US	Expired	62/197,980		
4213.084PRV	JNA0101-USP	METHOD AND APPARATUS FOR MOUNTING WIRELESS DEVICES SUCH AS WIRELESS ACCESS POINTS	Jul 21, 2018	US	Expired	62/701,610		
4213.084US1	JNA0101-USORG1	TOOLLESS MOUNTING OF ELECTRONIC DEVICES	Jul 19, 2019	US	Pending	16/517,380		
4213.085US1	JNA0095-US	METHODS AND APPARATUS RELATING TO THE USE OF RECEIVED SIGNALS TO DETERMINE WIRELESS TERMINAL LOCATION AND/OR REFINE LOCATION DETERMINATION MODELS	Sep 10, 2015	US	Issued	14/850,725	Aug 22, 2017	9743254
4213.085US2	JNA0095-USCON1	METHODS AND APPARATUS RELATING TO THE USE OF RECEIVED SIGNALS TO DETERMINE WIRELESS TERMINAL LOCATION AND/OR REFINE LOCATION DETERMINATION MODELS	Aug 21, 2017	US	Abandoned	15/682,466		
4213.085WO1	JNA0095-WO	METHODS AND APPARATUS RELATING TO THE USE OF RECEIVED SIGNALS TO DETERMINE WIRELESS TERMINAL LOCATION AND/OR REFINE LOCATION DETERMINATION MODELS	Apr 30, 2016	PCT	Abandoned	PCT/US2016/030328		

4213.086AU1	JNA0096-AU	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2017	AU	Pending	2017278366		
4213.086CA1	JNA0096-CA	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2017	CA	Pending	3,026,870		
4213.086EP1	JNA0096-EP	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2017	EP	Pending	17810864.3		
4213.086JP1	JNA0096-JP	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2017	JP	Pending	2018-563784		
4213.086US1	JNA0096-US	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2016	US	Issued	15/175,020	May 8, 2018	9967803
4213.086WO1	JNA0096-WO	DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS	Jun 6, 2017	PCT	Completed	PCT/US2017/036163		
4213.088AU1	JNA0098-AU	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	AU	Pending	2018316617		
4213.088CA1	JNA0098-CA	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	CA	Pending	3,073,110		
4213.088CN1	JNA0098-CN	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	CN	Pending	201880067049.5		
4213.088EP1	JNA0098-EP	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	EP	Pending	18846412.7		
4213.088JP1	JNA0098-JP	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	JP	Pending	2020-509028		

4213.088US1	JNA0098-US	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2017	US	Pending	15/679,128		
4213.088WO1	JNA0098-WO	METHODS AND APPARATUS FOR PERFORMING ACCESS AND/OR FORWARDING CONTROL IN WIRELESS NETWORKS SUCH AS	Aug 16, 2018	PCT	Completed	PCT/US2018/000176		
4213.089AU1	JNA0097-AU	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2017	AU	Pending	2017361095		
4213.089CA1	JNA0097-CA	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2017	CA	Pending	3,044,045		
4213.089CN1	JNA0097-CN	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2017	CN	Pending	201780080603.9		
4213.089EP1	JNA0097-EP	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2017	EP	Pending	17872423.3		
4213.089JP1	JNA0097-JP	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2017	JP	Pending	2019-547233		
4213.089US1	JNA0097-US	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT	Nov 15, 2016	US	Issued	15/352,511	Apr 9, 2019	10257750

4213.089US2	JNA0097-US CON1	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT DETECTION	Jan 31, 2019	US	Allowed	16/264,649	Jul 14, 2020	10715408
4213.089US3	JNA0097-US CON2	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT DETECTION	May 28, 2020	US	Pending	16/885,951		
4213.089WO1	JNA0097- WO	METHODS AND APPARATUS FOR CAPTURING AND/OR USING PACKETS TO FACILITATE FAULT DETECTION	Nov 15, 2017	PCT	Comple ted	PCT/US2017/ 061822		
4213.090US1	JNA0105-US	METHODS AND APPARATUS RELATING TO THE SUPPLY OF POWER TO POWER OVER ETHERNET DEVICES	Feb 27, 2019	US	Pending	16/287,853		
4213.091PRV	JNA0100-US P	METHODS AND APPARATUS FOR USING RECEIVED SIGNAL STRENGTH INFORMATION IN A WIRELESS SYSTEM	Jul 17, 2018	US	Expired	62/699,613		
4213.091US1	JNA0100-US ORG1	METHODS AND APPARATUS FOR USING RECEIVED SIGNAL STRENGTH INFORMATION IN A WIRELESS SYSTEM	Sep 28, 2018	US	Allowed	16/147,327		
4213.091US2	JNA0100-US CON1	METHODS AND APPARATUS FOR USING RECEIVED SIGNAL STRENGTH INFORMATION IN A WIRELESS SYSTEM	Jul 2, 2020	US	Pending	16/919,762		
4213.091WO1	JNA0100- WO	USE OF RECEIVED SIGNAL STRENGTH INFORMATION	Jul 17, 2019	PCT	Pending	PCT/US2019/ 042223		
4213.092PRV	JNA0102-US P	METHODS AND APPARATUS FOR FACILITATING REAL-TIME AND PREDICTIVE FAULT DETECTION	Dec 31, 2018	US	Expired	62/787,234		
4213.092US1	JNA0102-US ORG1	METHODS AND APPARATUS FOR FACILITATING REAL-TIME AND PREDICTIVE FAULT DETECTION	Dec 31, 2018	US	Pending	16/237,677		

4213.092WO1	JNA0102- WO	FAULT DETECTION METHODS	Dec 27, 2019	PCT	Pending	PCT/US2019/ 068811		
4213.093PRV	JNA0099-US- P	METHODS AND APPARATUS FOR IMPLEMENTING AN ACCESS POINT SUPPORTING MULTIPLE COMMUNICATIONS PROTOCOLS	May 4, 2018	US	Expired	62/667,315		

Exhibit 1

Application#	Attorney Docket No.
14/788,489	4213.076US1
15/799,824	4213.076US2
14/788,496	4213.077US1
15/496,331	4213.077US2
16/118,184	4213.077US3
16/704,656	4213.077US4
16/251,942	4213.079US1
PCT/US2020/014012	4213.079WO1
16/296,902	4213.081US1
62/155,428	4213.082PRV
14/811,684	4213.082US1
16/265,592	4213.082US2
14/811,689	4213.082US3
15/135,376	4213.082US4
16/036,922	4213.082US5
16/710,470	4213.082US6
62/197,980	4213.083PRV
62/701,610	4213.084PRV
16/517,380	4213.084US1
14/850,725	4213.085US1
15/682,466	4213.085US2
15/175,020	4213.086US1
15/679,128	4213.088US1
PCT/US2018/000176	4213.088WO1
15/352,511	4213.089US1
16/264,649	4213.089US2
16/287,853	4213.090US1
62/699,613	4213.091PRV
16/147,327	4213.091US1
PCT/US2019/042223	4213.091WO1
16/237,677	4213.092US1
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