

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM741096

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
CalAmp Corp.		07/13/2022	Corporation: DELAWARE
CalAmp Wireless Networks Corporation		07/13/2022	Corporation: DELAWARE
Synovia Solutions LLC		07/13/2022	Limited Liability Company: INDIANA
RECEIVING PARTY DATA			
Name:	PNC Bank, National Association		
Street Address:	500 First Avenue		
Internal Address:	Commercial Loan Service Center/DCC		
City:	Pittsburgh		
State/Country:	PENNSYLVANIA		
Postal Code:	15219		
Entity Type:	National Banking Association: UNITED STATES		
PROPERTY NUMBERS Total: 28			
Property Type	Number	Word Mark	
Serial Number:	97039580	INQUISIT	
Serial Number:	97039576	INQUISIT	
Serial Number:	90798526	DACIT	
Registration Number:	6586369	LOJACK	
Registration Number:	6257441	CRASHBOXX	
Registration Number:	5203608	CALAMP	
Registration Number:	5203504	CALAMP	
Registration Number:	5053518	SC ION	
Registration Number:	4602801	LOJACK	
Registration Number:	5137805	LOJACK	
Registration Number:	5146898	LOJACK	
Registration Number:	2830728	LO JACK EARLY WARNING	
Registration Number:	3880971	TECHDIRECT	
Registration Number:	3408799	FLEETOUTLOOK	
Registration Number:	3265559	LOJACK FOR LAPTOPS	

OP \$715.00 97039580

Property Type	Number	Word Mark
Registration Number:	2690538	LO/JACK
Registration Number:	2695299	THE LOJACK TRACKER
Registration Number:	2690537	
Registration Number:	1482211	LO-JACK
Registration Number:	6586427	BUS GUARDIAN
Registration Number:	5289632	RIGHT BUS. RIGHT STOP. RIGHT TIME.
Registration Number:	5338482	DON'T ASK. KNOW.
Registration Number:	5021489	
Registration Number:	5016904	HERE COMES THE BUS
Registration Number:	4311739	SYNSURANCE
Registration Number:	4076922	SILVERLINING
Registration Number:	2849251	SYNOVIA
Registration Number:	3826174	SLICE AND DICE

CORRESPONDENCE DATA

Fax Number: 2158325619

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: 2155695619

Email: timothy.pecsenye@blankrome.com

Correspondent Name: Timothy D. Pecsénye (074658-22058)

Address Line 1: One Logan Square

Address Line 2: 8th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: 074658-22058

NAME OF SUBMITTER: Timothy D. Pecsénye

SIGNATURE: /Timothy D. Pecsénye/

DATE SIGNED: 07/14/2022

Total Attachments: 13

- source=IP Security Agreement (PNC - CalAmp) Executed#page1.tif
- source=IP Security Agreement (PNC - CalAmp) Executed#page2.tif
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of this 13th day of July, 2022, by CALAMP CORP., a Delaware corporation ("CalAmp"), CALAMP WIRELESS NETWORKS CORPORATION, a Delaware corporation ("CWNC"), and SYNOVIA SOLUTIONS LLC, an Indiana limited liability company ("Synovia," together with CalAmp and CWNC, collectively, the "Grantors" and each, a "Grantor"), in favor of PNC BANK, NATIONAL ASSOCIATION ("PNC"), as Agent (as defined below).

WHEREAS, pursuant to that certain Revolving Credit and Security Agreement dated as of the date hereof (as amended, restated, amended and restated, extended, supplemented or otherwise modified from time to time, including all exhibits and schedules thereto, the "Credit Agreement") among the Grantors (together with any Person joined thereto from time to time as a borrower, collectively, the "Borrowers"), the lenders from time to time party thereto (the "Lenders"), and PNC, as agent for the Lenders (in such capacity, "Agent"), the Lenders agreed to make certain financial accommodations available to the Borrowers from time to time pursuant to the terms and conditions thereof; and

WHEREAS, pursuant to the Credit Agreement, each Grantor is required to execute and deliver to Agent, for the benefit of the Lenders, this Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Credit Agreement.

2. GRANT AND REAFFIRMATION OF SECURITY INTEREST. To secure the payment and performance of the Obligations under the Credit Agreement, each Grantor hereby grants to Agent for its benefit and the benefit of the Lenders, and hereby reaffirms its prior grant pursuant to the Credit Agreement of a continuing security interest in and Lien on all of such Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "IP Collateral"), with power of sale to the extent permitted by law:

(a) all of such Grantor's copyrights and copyright applications (collectively, "Copyrights") and all of the goodwill of the business connected with the use of, and symbolized by, each Copyright, including without limitation those referred to on Schedule 1 hereto;

(b) all of such Grantor's patents and patent applications (collectively, "Patents"), and all of the goodwill of the business connected with the use of, and symbolized by, each Patent, including without limitation those referred to on Schedule 1 hereto;

(c) all of such Grantor's trademarks, trademark applications, service marks, trade names, mask works (collectively, "Trademarks"), and all of the goodwill of the

business connected with the use of, and symbolized by, each Trademark, including without limitation those referred to on Schedule 1 hereto;

(d) all reissues, continuations or extensions of the foregoing; and

(e) all products and proceeds of the foregoing, including without limitation any claim by such Grantor against third parties for past, present or future infringement or dilution of any Copyright, any Patent, or any Trademark.

3. SECURITY FOR OBLIGATIONS. This Agreement and the security interest created hereby secure the payment and performance of all the Obligations under the Credit Agreement, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Agreement secures the payment of all amounts which constitute part of the Obligations and would be owed by any Grantor to Agent, the Lenders or any of them pursuant to the Credit Agreement.

4. CREDIT AGREEMENT. The security interests granted pursuant to this Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lenders, pursuant to the Credit Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the IP Collateral made and granted hereby are more fully set forth in the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. REPRESENTATIONS, WARRANTIES AND AGREEMENTS. Each Grantor hereby represents and warrants to, and agrees with Agent and Lenders as follows: Schedule 1 hereto accurately lists all registered IP Collateral as of the date hereof.

6. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new IP Collateral, this Agreement shall automatically apply thereto. Each Grantor shall give prompt notice in writing to Agent with respect to any such new IP Collateral. Without limiting any Grantor's obligations under this Section 6, each Grantor hereby authorizes Agent unilaterally to modify this Agreement by amending Schedule 1 to include any such new IP Collateral of such Grantor identified in such written notice provided by such Grantor. Notwithstanding the foregoing, no failure to so modify this Agreement or amend Schedule 1 shall in any way affect, invalidate or detract from Agent's continuing security interest in all IP Collateral, whether or not listed on Schedule 1.

7. GOVERNING LAW. This Agreement and the transactions contemplated hereby, and all disputes between the parties under or relating to this Agreement or the facts or circumstances leading to its execution, whether in contract, tort or otherwise shall, in accordance with Section 5-1401 of the General Obligations Law of the State of New York, be construed in accordance with and governed by the laws (including statutes of limitation) of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

8. COUNTERPARTS. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

9. CONSTRUCTION. Unless the context of this Agreement clearly requires otherwise, the term "or" has, except where otherwise indicated, the inclusive meaning represented

by the phrase “and/or.” Section, subsection, clause, schedule, and exhibit references herein are to this Agreement unless otherwise specified. Any reference herein to any Person shall be construed to include such Person’s successors and assigns.

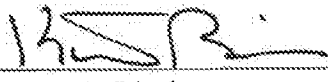
[signature page follows]

Each of the parties has signed this Agreement as of the day and year first above written.

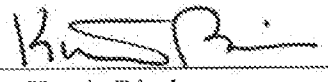
CALAMP CORP.,
a Delaware corporation

By: 
Name: Kurtis Binder
Title: Chief Financial Officer and Treasurer

**CALAMP WIRELESS NETWORKS
CORPORATION,**
a Delaware corporation

By: 
Name: Kurtis Binder
Title: Treasurer

SYNOVIA SOLUTIONS LLC,
an Indiana limited liability company

By: 
Name: Kurtis Binder
Title: Chief Financial Officer

SCHEDULE 1
TO
INTELLECTUAL PROPERTY SECURITY AGREEMENT

I. Copyrights and Copyright Applications

#	Owner	Copyright	Registration Number	Registration Date
1.	Synovia Solutions, LLC	SCHOOL BUS DESIGN.	VAu001203812	February 18, 2015

II. Patents and Patent Applications

#	Patent Name	Owner	Patent No. (App. No.)
1.	SYSTEMS AND METHODS FOR AUTOMATIC THRESHOLD SENSING FOR UVLO CIRCUITS IN A MULTI-BATTERY ENVIRONMENT	CalAmp Corp.	11336085
2.	SYSTEMS AND METHODS FOR IMPACT DETECTION WITH NOISE ATTENUATION OF A SENSOR SIGNAL	CalAmp Corp.	11292403
3.	Systems and Methods for Dynamic Telematics Messaging	CalAmp Corp.	11290556
4.	RECOVERY SYSTEM WITH REPEATING COMMUNICATION CAPIBILITIES	CalAmp Wireless Networks Corporation	11214231
5.	Systems and Methods for Dynamic Device Programming	CalAmp Corp.	11206171
6.	Systems and Methods for Vehicle Event Detection	CalAmp Corp.	11187739
7.	Systems and Methods for Radio Access Interfaces	CalAmp Corp.	11070964
8.	HIBERNATE CONTROL CIRCUITS FOR BATTERY POWER SWITCHING	CalAmp Corp.	11070077
9.	Systems and Methods for Tracking Multiple Collocated Assets	CalAmp Corp.	11022671
10.	Systems and Methods for Driver Scoring With Machine Learning	CalAmp Corp.	11021166
11.	COAXIAL HELIX ANTENNAS	CalAmp Wireless Networks Corporation	10998618
12.	Systems and Methods for Reducing Undesirable Behaviors in RF Communication	CalAmp Wireless Networks Corporation	10951328
13.	Multiple Network Mode Selection Devices	CalAmp Corp.	10932186
14.	SYSTEMS AND METHODS FOR AUTOMATIC THRESHOLD SENSING FOR UVLO CIRCUITS IN A MULTI-BATTERY ENVIRONMENT	CalAmp Corp.	10931099
15.	Systems and Methods for Radio Access Interfaces	CalAmp Corp.	10645551
16.	SYSTEMS AND METHODS FOR FAILSAFE FIRMWARE UPGRADES	CalAmp Corp.	10599421

#	Patent Name	Owner	Patent No. (App. No.)
17.	Recovery System with Repeating Communication Capabilities	CalAmp Wireless Networks Corporation	10549720
18.	Systems and Methods for Tracking Multiple Collocated Assets	CalAmp Corp.	10473750
19.	Systems and Methods for Low Latency 3-Axis Accelerometer Calibration	CalAmp Corp.	10466269
20.	Systems and Methods for Reducing Undesirable Behaviors in RF Communication	CalAmp Wireless Networks Corporation	10461868
21.	Coaxial Helix Antennas	CalAmp Wireless Networks Corporation	10461410
22.	Systems and Methods for Crash Determination with Noise Filtering	CalAmp Corp.	10395438
23.	SYSTEMS AND METHODS FOR DRIVER SCORING WITH MACHINE LEARNING	CalAmp Corp.	10392022
24.	Single Stage Ramped Power Amplifiers	CalAmp Wireless Networks Corporation	10367457
25.	SYSTEMS AND METHODS FOR DETERMINING VEHICLE OPERATIONAL STATUS	CalAmp Corp.	10304264
26.	Multiple Network Mode Selection Devices	CalAmp Corp.	10219205
27.	Systems and Methods for Radio Access Interfaces	CalAmp Corp.	10219117
28.	SYSTEMS AND METHODS FOR IMPACT DETECTION WITH NOISE ATTENUATION OF A SENSOR SIGNAL	CalAmp Cor.	10214166
29.	SYSTEMS AND METHODS FOR EFFICIENT CHARACTERIZATION OF ACCELERATION EVENTS	CalAmp Corp.	10107831
30.	Systems and Methods for Location Reporting of Detected Events in Vehicle Operation	CalAmp Corp.	10102689
31.	Systems and Methods for Driver and Vehicle Tracking	CalAmp Corp.	10101163
32.	SYSTEMS AND METHODS FOR CRASH DETERMINATION	CalAmp Corp.	10055909
33.	Systems and Methods for Driver and Vehicle Tracking	CalAmp Corp.	9648579
34.	SYSTEMS AND METHODS FOR DETERMINING VEHICLE OPERATIONAL STATUS	CalAmp Corp.	9644977
35.	Systems and Methods for 3-Axis Accelerometer Calibration with Vertical Sample Buffers	CalAmp Corp.	9459277
36.	Systems and Methods for Location Reporting of Detected Events in Vehicle Operation	CalAmp Corp.	9406222
37.	High entropy random bit source	CalAmp Corp.	9335971
38.	Remotely Managed Data Radios Including Remote Management Capabilities	CalAmp Corp.	9271190
39.	Systems and Methods for 3-Axis Accelerometer Calibration	CalAmp Corp.	9217757

#	Patent Name	Owner	Patent No. (App. No.)
40.	DYNAMIC BEACON RATES AND FIXED AD HOC MODES IN AD HOC NETWORKS	CalAmp Corp.; Delta Mobile Software, Inc.	9204368
41.	SYSTEMS AND METHODS FOR COLLECTING INFORMATION FROM VEHICLE DEVICES VIA A VEHICLE DATA BUS	CalAmp Corp.	9171460
42.	SYSTEMS AND METHODS FOR VIRTUAL IGNITION DETECTION	CalAmp Corporation	9002538
43.	SYSTEMS AND METHODS FOR COLLECTING INFORMATION FROM VEHICLE DEVICES VIA A VEHICLE DATA BUS	CalAmp Corporation	8812173
44.	METHODS AND SYSTEMS OF MAINTAINING AND MONITORING VEHICLE TRACKING DEVICE INVENTORIES	CalAmp Corp.	8650098
45.	SYSTEMS AND METHODS FOR VIRTUAL IGNITION DETECTION	CalAmp Corp.	8489271
46.	MULTIBAND ANTENNA INCLUDING ANTENNA ELEMENTS CONNECTED BY A CHOKING CIRCUIT	CalAmp Corp.	8416138
47.	AN APPLICATION PROCESS IN COMMUNICATION SYSTEM USING CENTRAL PROCESSOR FOR FORWARDING REQUEST TO DESTINATION PROCESSOR BASED ON CONNECTION STATUS	CalAmp Corp.	8001174
48.	COMPACT BIDIRECTIONAL REPEATERS FOR WIRELESS COMMUNICATION SYSTEMS	CalAmp Corp.	7009573
49.	HIGH-EFFICIENCY TRANSPARENT MICROWAVE ANTENNAS	CalAmp Corp.	6933891
50.	SYSTEMS AND METHODS FOR DYNAMIC DEVICE PROGRAMMING	CalAmp Corp.	(17558098)
51.	Systems and Methods for Radio Access Interfaces	CalAmp Corp.	(17381111)
52.	HIBERNATE CONTROL CIRCUITS FOR BATTERY POWER SWITCHING	CalAmp Corp.	(17381104)
53.	SYSTEMS AND METHODS FOR TRACKING MULTIPLE COLLOCATED ASSETS	CalAmp Corp.	(17333858)
54.	SYSTEMS AND METHODS FOR DRIVER SCORING WITH MACHINE LEARNING	CalAmp Corp.	(17335619)
55.	Systems and Methods for Detection of Vehicle Bus Protocol Using Signal Analysis	CalAmp Corp.	(16800519)
56.	TECHNOLOGIES FOR DRIVER BEHAVIOR ASSESSMENT	CalAmp Corp.	(17180832)
57.	COAXIAL HELIX ANTENNAS	CalAmp Wireless Networks Corporation	(17307288)
58.	Systems and Methods for Switching Between Communication and Navigation Modes in a Telematics Device	CalAmp Corp.	(16748147)
59.	Systems and Methods for Detecting an Impact Event in a Parked Vehicle	CalAmp Corp.	(16748162)

#	Patent Name	Owner	Patent No. (App. No.)
60.	MULTIPLE NETWORK MODE SELECTION DEVICES	CalAmp Corp.	(17176541)
61.	Systems and Methods for Secure Communications in Vehicle Telematics Systems	CalAmp Corp.	(15931034)
62.	Systems and Methods for Failsafe Firmware Upgrades	CalAmp Corp.	(16826703)
63.	Systems and Methods for 3-Axis Accelerometer Calibration with Vertical Sample Buffers	CalAmp Corp.	(16862977)
64.	Systems and Methods for Low Latency 3-Axis Accelerometer Calibration	CalAmp Corp.	(16673241)
65.	Systems and Methods Crash Determination with Noise Filtering	CalAmp Corp.	(16551465)
66.	METHOD OF AND SYSTEM FOR EXPANDING LOCALIZED MISSING CUSTOMER-VEHICLE LAW ENFORCEMENT-AIDED VHF RECOVERY NETWORKS WITH LOCATION-ON-DEMAND SUPPLEMENTAL SERVICE FEATURES VIA SUCH NETWORKS FOR IMPROVED LAW ENFORCEMENT-AIDED RECOVERY, AND VIA THE INTERNET FOR PROVIDING	CalAmp Wireless Networks Corporation	7561102
67.	METHOD OF AND APPARATUS FOR UTILIZING GEOGRAPHICALLY SPREAD CELLULAR RADIO NETWORKS TO SUPPLEMENT MORE GEOGRAPHICALLY LIMITED STOLEN VEHICLE RECOVERY NETWORKS IN ACTIVATION OF RADIO TRACKING AND RECOVERY OF SUCH VEHICLES	CalAmp Wireless Networks Corporation	8086215
68.	METHOD AND SYSTEM FOR TRACKING MOBILE TELEMETRY DEVICES	CalAmp Wireless Networks Corporation	7460871
69.	VEHICLE PASSIVE ALERT SYSTEM AND METHOD	CalAmp Wireless Networks Corporation	7065445
70.	VEHICLE LOCATION SYSTEM USING A KINETIC NETWORK	CalAmp Wireless Networks Corporation	7091835
71.	VEHICLE LOCATING UNIT WITH IMPROVED POWER MANAGEMENT METHOD	CalAmp Wireless Networks Corporation	7853218
72.	Power Management System and Method for Vehicle Locating Unit	CalAmp Wireless Networks Corporation	10212663
73.	PROXIMITY MONITORING AND LOCATING SYSTEM	CalAmp Wireless Networks Corporation	8169328
74.	SYNCHORNIZATION SYSTEM AND METHOD FOR ACHIEVING LOW POWER BATTERY OPERATION OF A VEHICLE LOCATING UNIT IN A STOLEN	CalAmp Wireless Networks Corporation	9480037





#	Patent Name	Owner	Patent No. (App. No.)
	VEHICLE RECOVERY SYSTEM WHICH RECEIVES PERIODIC TRANSMISSIONS		
75.	ASSET RECOVERY SYSTEM	CalAmp Wireless Networks Corporation	8013735
76.	LOW-POWER WIRELESS VEHICLE LOCATING UNIT	CalAmp Wireless Networks Corporation	9661456
77.	DUTY CYCLE ESTIMATION SYSTEM AND METHOD	CalAmp Wireless Networks Corporation	8229518
78.	BODY COUPLED ANTENNA SYSTEM AND PERSONAL LOCATOR UNIT UTILIZING SAME	CalAmp Wireless Networks Corporation	8350695
79.	SURFACE ACOUSTIC WAVE RESONATOR FILTER	CalAmp Wireless Networks Corporation	8339220
80.	ADAPTIVE RANGE VEHICLE LOCATING UNIT, VEHICLE TRACKING UNIT AND VEHICLE RECOVERY SYSTEM INCLUDING SAME	CalAmp Wireless Networks Corporation	8149142
81.	SYSTEMS AND METHODS FOR DETERMINING AND COMPENSATING FOR OFFSETS IN RF COMMUNICATIONS	CalAmp Wireless Networks Corporation	10243766
82.	VEHICLE LOCATING UNIT WITH INPUT VOLTAGE PROTECTION	CalAmp Wireless Networks Corporation	7511606
83.	NOTCHED SAW IMAGE FREQUENCY REJECTION FILTER SYSTEM	CalAmp Wireless Networks Corporation	8169279
84.	DUAL TABLE TEMPERATURE COMPENSATED VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SYSTEM AND METHOD	CalAmp Wireless Networks Corporation	8130050
85.	RECOVERY SYSTEM WITH DE-QUEUE LOGIC	CalAmp Wireless Networks Corporation	7664462
86.	High Efficiency Transmit-Receive Switches	CalAmp Wireless Networks Corporation	10135407
87.	METHOD AND APPARATUS FOR PROVIDING INFORMATION PERTAINING TO VEHICLES LOCATED ALONG A PREDETERMINED TRAVEL ROUTE	CalAmp Wireless Networks Corporation	6832153
88.	METHOD OF AN APPARATUS FOR DYNAMICALLY GOEFENCING MOVABLE VEHICLE AND OTHER EQUIPMENT AND THE LIKE	CalAmp Wireless Networks Corporation	6665613




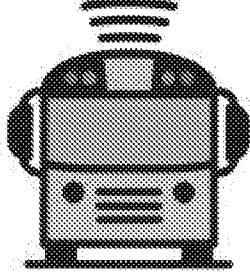
#	Patent Name	Owner	Patent No. (App. No.)
89.	METHOD AND SYSTEM FOR PORTABLE CELLULAR PHONE VOICE COMMUNICATION AND POSITIONAL LOCATION DATA COMMUNICATION	CalAmp Wireless Networks Corporation	6847825
90.	METHOD AND APPARATUS TO DETERMINE A MOBILE USER'S LOCATION IN A WIRELESS COMMUNICATION NETWORK	CalAmp Wireless Networks Corporation	6788945
91.	METHOD OF AN APPARATUS FOR SENSING THE UNAUTHORIZED MOVEMENT OF VEHICLES AND THE LIKE AND GENERATING AN ALARM OR WARNING OR VEHICLE THEFT	CalAmp Wireless Networks Corporation	7973649
92.	FAST SETTLING, BIT SLICING COMPARATOR CIRCUIT	CalAmp Wireless Networks Corporation	8242810
93.	RECOVERY SYSTEM WITH REPEATING COMMUNICATION CAPABILITIES	CalAmp Wireless Networks Corporation	10286874
94.	TIME-SENSITIVE ARTICLE TRACKING DEVICE	CalAmp Wireless Networks Corporation	6850839
95.	EVERYDAY WIRELESS VEHICLE NOTIFICATION AND VEHICLE LOCATION SYSTEMS AND METHODS RELATED THERETO	Synovia Solutions, LLC	7394403
96.	METHOD OF AND APPARATUS FOR UTILIZING GEOGRAPHICALLY SPREAD CELLULAR RADIO NETWORKS TO SUPPLEMENT MORE GEOGRAPHICALLY LIMITED STOLEN VEHICLE RECOVERY RADIO NETWORKS IN ACTIVATION OF RADIO TRACKING AND RECOVERY OF SUCH VEHICLES	CalAmp Wireless Networks Corporation	7536169
97.	VEHICLE LOCATING UNIT WITH IMPROVED POWER MANAGEMENT METHOD	CalAmp Wireless Networks Corporation	7593711
98.	POWER MANAGEMENT SYSTEM AND METHOD FOR VEHICLE LOCATING UNIT	CalAmp Wireless Networks Corporation	8618957
99.	SYNCHRONIZATION SYSTEM AND METHOD FOR ACHIEVING LOW POWER BATTERY OPERATION OF A VEHICLE LOCATING UNIT IN A STOLEN VEHICLE RECOVERY SYSTEM WHICH RECEIVES PERIODIC TRANSMISSION	CalAmp Wireless Networks Corporation	8630605
100	SYSTEMS, DEVICES AND METHODS FOR DETECTING ENGINE IDLING AND REPORTING SAME	Synovia Solutions, LLC	8781708
101	RECOVERY SYSTEM WITH REPEATING COMMUNICATION CAPABILITIES	CalAmp Wireless Networks Corporation	8787823

#	Patent Name	Owner	Patent No. (App. No.)
102	LOW-POWER WIRELESS VEHICLE LOCATING UNIT	CalAmp Wireless Networks Corporation	9088398
103	SYNCHRONIZATION SYSTEM AND METHOD FOR ACHIEVING LOW POWER BATTERY OPERATION OF A VEHICLE LOCATING UNIT IN A STOLEN VEHICLE RECOVERY SYSTEM WHICH RECEIVES PERIODIC TRANSMISSIONS	CalAmp Wireless Networks Corporation	9112674
104	POWER MANAGEMENT SYSTEM AND METHOD FOR VEHICLE LOCATING UNIT	CalAmp Wireless Networks Corporation	9565636
105	RECOVERY SYSTEM WITH REPEATING COMMUNICATION CAPABILITIES	CalAmp Wireless Networks Corporation	9592794
106	ASSET TRACKER	CalAmp Corp.	(16559330)
107	SYSTEMS AND METHODS FOR DELIVERING VEHICLE PARAMETERS TO A REMOTE DEVICE VIA VEHICLE MODULE IDENTITIES	CalAmp Corp.	(16803778)
108	SYSTEMS AND METHODS FOR IDENTIFYING A VEHICLE PLATFORM USING MACHINE LEARNING ON VEHICLE BUS DATA	CalAmp Corp.	(16803785)
109	SYSTEMS AND METHODS FOR CRASH DETERMINATION	CalAmp Corp.	(16862985)
110	SYSTEMS AND METHODS FOR SECURE COMMUNICATIONS IN VEHICLE TELEMATICS SYSTEMS	CalAmp Corp.	11381402
111	TECHNOLOGIES FOR OVER-THE-AIR UPDATES FOR TELEMATICS SYSTEMS	CalAmp Corp.	(17578820)
112	TECHNOLOGIES FOR DETERMINING LOCATION OF A TELEMATICS DEVICE DURING COMMUNICATION MODE SWITCHING	CalAmp Corp.	(17826694)
113	TECHNOLOGIES FOR DYNAMIC TELEMATICS MESSAGE PARSING	CalAmp Corp.	(17578822)
114	TECHNOLOGIES FOR SWITCHING BETWEEN COMMUNICATION MODES IN A TELEMATICS DEVICE	CalAmp Corp.	(17826698)
115	TECHNOLOGIES FOR DETERMINING DRIVER EFFICIENCY	CalAmp Corp.	(17690483)

III. Trademarks and Trademark Applications

#	Mark Name	Owner	Reg. Date (App. Date)	Reg. No. (App. No.)
1.	Inquisit	CalAmp Corp.	(September 22, 2021)	(97039580)

#	Mark Name	Owner	Reg. Date (App. Date)	Reg. No. (App. No.)
2.	INQUISIT	CalAmp Corp.	(September 22, 2021)	(97039576)
3.	DACIT	CalAmp Wireless Networks Corporation	(June 28, 2021)	(90798526)
4.		CalAmp Wireless Networks Corporation	December 14, 2021	6586369
5.	CRASHBOXX	CalAmp Corp.	January 26, 2021	6257441
6.		CalAmp Corp.	May 16, 2017	5203608
7.	CALAMP	CalAmp Corp.	May 16, 2017	5203504
8.	SC ION	CalAmp Wireless Networks Corporation	October 4, 2016	5053518
9.	LOJACK	CalAmp Wireless Networks Corporation	September 9, 2014	4602801
10.		CalAmp Wireless Networks Corporation	February 7, 2017	5137805
11.	LOJACK	CalAmp Wireless Networks Corporation	February 21, 2017	5146898
12.		CalAmp Wireless Networks Corporation	April 6, 2004	2830728
13.	TECHDIRECT	CalAmp Wireless Networks Corporation	November 23, 2010	3880971
14.	FLEETOUTLOOK	CalAmp Wireless Networks Corporation	April 8, 2008	3408799
15.	LOJACK FOR LAPTOPS	CalAmp Wireless Networks Corporation	July 17, 2007	3265559
16.	LOJACK FOR LAPTOPS	CalAmp Wireless Networks Corporation	July 17, 2007	3265559

#	Mark Name	Owner	Reg. Date (App. Date)	Reg. No. (App. No.)
17.		CalAmp Wireless Networks Corporation	February 25, 2003	2690538
18.	THE LOJACK TRACKER	CalAmp Wireless Networks Corporation	March 11, 2003	2695299
19.		CalAmp Wireless Networks Corporation	February 25, 2003	2690537
20.		CalAmp Wireless Networks Corporation	March 29, 1988	1482211
21.	BUS GUARDIAN	Synovia Solutions, LLC	December 14, 2021	6586427
22.	RIGHT BUS. RIGHT STOP. RIGHT TIME.	Synovia Solutions, LLC	September 19, 2017	5289632
23.	DON'T ASK. KNOW.	Synovia Solutions, LLC	November 21, 2017	5338482
24.		Synovia Solutions, LLC	August 16, 2016	5021489
25.	HERE COMES THE BUS	Synovia Solutions, LLC	August 9, 2016	5016904
26.	SYNSURANCE	Synovia Solutions, LLC	April 2, 2013	4311739
27.	SILVERLINING	Synovia Solutions, LLC	December 27, 2011	4076922
28.	SYNOVIA	Synovia Solutions, LLC	June 1, 2004	2849251
29.	SLICE AND DICE	Synovia Solutions, LLC	July 27, 2010	3826174