

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM556777

| | | | |
|---|--|-----------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL | | |
| SEQUENCE: | 1 | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| CONTROL SOLUTIONS ENTERPRISES, INC. | | 03/01/2019 | Corporation: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | CATTRON NORTH AMERICA, INC. | | |
| Street Address: | 655 NORTH RIVER ROAD NW | | |
| Internal Address: | SUITE A | | |
| City: | WARREN | | |
| State/Country: | OHIO | | |
| Postal Code: | 44483 | | |
| Entity Type: | Corporation: PENNSYLVANIA | | |
| PROPERTY NUMBERS Total: 4 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 5722530 | TASVERII | |
| Registration Number: | 5469948 | TASVERII | |
| Registration Number: | 5233101 | SYMMETRYLOCK | |
| Registration Number: | 5660683 | SAFE-E-STOP | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 3147267501 | | |
| <i>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.</i> | | | |
| Phone: | 314-726-7500 | | |
| Email: | JWGRP@HDP.COM | | |
| Correspondent Name: | JOSEPH E. WALSH, JR. | | |
| Address Line 1: | 7700 BONHOMME | | |
| Address Line 2: | SUITE 400 | | |
| Address Line 4: | ST. LOUIS, MISSOURI 63105 | | |
| NAME OF SUBMITTER: | JOSEPH E. WALSH, JR. | | |
| SIGNATURE: | /JOSEPH E. WALSH, JR./ | | |
| DATE SIGNED: | 01/09/2020 | | |

CH \$115.00 5722530

Total Attachments: 26

source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page1.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page2.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page3.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page4.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page5.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page6.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page7.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page8.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page9.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page10.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page11.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page12.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page13.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page14.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page15.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page16.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page17.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page18.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page19.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page20.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page21.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page22.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page23.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page24.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page25.tif
source=Intellectual Property Assignment Agreement to Cattron NA, Inc#page26.tif

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This Intellectual Property Assignment Agreement (this "Assignment") is effective as of the 1st day of March, 2019 (the "Effective Date"), by and between Control Solutions Enterprises, Inc. ("Enterprises"), a Delaware corporation, having an address at 7733 Forsyth Blvd, 23rd Floor, St. Louis, Missouri 63105, Cattron Holdings Inc. ("Holdings"), a Pennsylvania corporation, having an address at 655 North River Road NW, Suite A, Warren, OH 44483, and Cattron Canada Limited ("Cattron Canada"), a Canadian Corporation, having an address at 3850 Griffith Street, St. Laurent QC H4T 1A7, Canada (collectively, "Assignors") and Cattron North America, Inc. a Pennsylvania corporation, having an address at 655 North River Road NW, Suite A, Warren, OH 44483 ("Assignee").

WHEREAS, Enterprises acquired and owns certain Intellectual Property and Intellectual Property rights pursuant to that certain Share Purchase Agreement (the "Share Purchase Agreement"), dated as of March 1, 2019, by and between Enterprises and Laird Holdings Limited and its affiliates, including without limitation the Intellectual Property set forth in: Schedule A, including all goodwill associated therewith ("Trademarks"); Schedule B ("Patents and Patent Applications"); Schedule C ("Copyright Registrations and Applications for Registration"); and Schedule D ("Internet Domain Name Registrations and Applications for Registration") attached hereto;

WHEREAS, Holdings owns certain Intellectual Property and Intellectual Property rights, including without limitation the Intellectual Property set forth in Schedule E attached hereto, including all goodwill associated therewith;

WHEREAS, Cattron Canada owns certain Intellectual Property and Intellectual Property rights, including without limitation the Intellectual Property set forth in Schedule F attached hereto, including all goodwill associated therewith;

WHEREAS, Assignors desire to transfer to the Assignee the aforementioned Intellectual Property and Intellectual Property rights (collectively, "Assigned Intellectual Property") pursuant to this Assignment.

NOW THEREFORE, for good and valuable consideration, the receipt, adequacy, and sufficiency of which are hereby acknowledged, and in further consideration of the mutual covenants and agreements contained in the Share Purchase Agreement, and pursuant to the terms of the Share Purchase Agreement, Assignors hereby, nunc pro tunc effective March 1, 2019, sell, assign, convey, transfer and deliver to Assignee, its successors, and assigns, the entire right, title and interest in and to the Assigned Intellectual Property, in the United States and all countries throughout the world, including but not limited to the trademark registrations, domain names, patents, and copyright registrations, and applications therefor set forth on the Schedules attached hereto, together with any and all inventions described therein and all prior patent applications filed thereon and all non-provisional applications for patent that are converted from or claim priority to said applications, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all patents in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations, other rights from administrative proceedings and extensions of said patents, and all rights under the

International Convention for the Protection of Industrial Property including all rights of priority, and all revisions thereof, to the full end of the term or terms for which the foregoing may be granted, renewed and/or extended, any and all rights of recovery based on past and future infringement of the Assigned Intellectual Property and the goodwill symbolized by the trademarks included in the Assigned Intellectual Property.

Assignors further agree that all rights in the copyrights and derivative works granted to an author under the copyright laws of the United States, foreign countries, and international copyright conventions of the Assigned Intellectual Property, including without limitation the copyright registrations and applications for copyright registration set forth in Schedule C, and the right to grant these rights or any part of them to third parties are hereby assigned by Assignors to Assignee.

This Assignment shall be governed by the laws of the State of New York applicable therein without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of laws of any jurisdiction other than those of the State of New York. Capitalized terms used but not defined in this Assignment shall have the meanings ascribed to them in the Share Purchase Agreement.

IN WITNESS WHEREOF, the undersigned have caused this Assignment to be executed by its duly authorized representative to be effective as of the Effective Date.

[Remainder of page intentionally left blank; signature pages follow]

ASSIGNOR:

Cattron Holdings Inc.

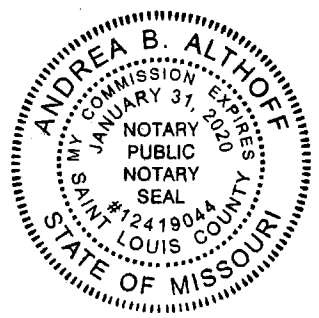
By: Bethany Michel
Name: Bethany Michel
Title: Vice President
Date: October 29, 2019

STATE OF Missouri)

COUNTY OF St. Louis) ss:)

On this 29th day of October 2019, personally before me came Bethany Michel known to me, and known to me to be the person described and who signed the annexed assignment, and, being duly sworn, acknowledged that he executed the same.

(SEAL)



Andrea B. Althoff
Notary Public

Witnesses:

By: Annette L. Ronge
Print Name: Annette L. Ronge
Date: 10-29-19

By: Mary Mick
Print Name: Mary Mick
Date: 10-29-19

[Signature Page to IP Assignment Agreement]

ASSIGNOR:

Control Solutions Enterprises, Inc.

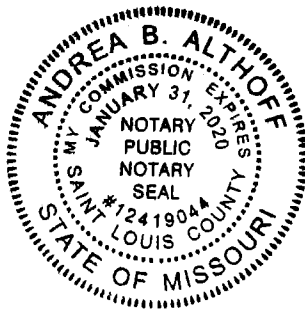
By: Bethany Michel
Name: Bethany Michel
Title: Vice President
Date: October 29, 2019

STATE OF Missouri)

COUNTY OF St. Louis) ss:)

On this 29th day of October 2019, personally before me came Bethany Michel known to me, and known to me to be the person described and who signed the annexed assignment, and, being duly sworn, acknowledged that he executed the same.

(SEAL)



Andrea B. Althoff
Notary Public

Witnesses:

By: Annette L. Range
Print Name: Annette L. Range
Date: 10-29-19

By: Mary Mick
Print Name: Mary Mick
Date: 10-29-19

[Signature Page to IP Assignment Agreement]

ASSIGNOR:

Cattron Canada Ltd.

By: [Signature]
Name: BRIAN D'ANGELO
Title: CFO
Date: 11/26/19

STATE OF Oh)

COUNTY OF TRUMBULL) ss:)

On this 26th day of Nov 2019,
personally before me came B. D'ANGELO known to me, and known to me to be the person
described and who signed the annexed assignment, and, being duly sworn, acknowledged that he
executed the same.

(SEAL)



[Signature]
JAMES W. WALSH
Notary Public

Witnesses:

By: [Signature]
Print Name: Jeffrey A. Beckmuller
Date: 11/26/2019

By: [Signature]
Print Name: Deborah Montgomery
Date: 11-26-2019

[Signature Page to IP Assignment Agreement]

ASSIGNEE:

Cattron North America, Inc.

By: [Signature]
 Name: Brian D'Angelo
 Title: CFO
 Date: 11/26/19

STATE OF Oh)

COUNTY OF TRUMBULL) ss:

On this 24th day of Nov 2019,
 personally before me came B. D'ANGELO known to me, and known to me to be the person
 described and who signed the annexed assignment, and, being duly sworn, acknowledged that he
 executed the same.



[Signature]
 JAMES W WALSH
 Notary Public

Witnesses:

By: [Signature]
 Print Name: Jeffrey A. Backmiller
 Date: 11/26/2019

By: [Signature]
 Print Name: Deborah Montgomery
 Date: 11-26-2019

[Signature Page to IP Assignment Agreement]

SCHEDULE A TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

Trademarks

(i) Registrations and Applications for Registration:

| | | | | | | |
|----|--------------|--------------------------|--------------------------|-------------------------|-------------------------|------------|
| 1. | SAFE-E-STOP | Australia | Laird Technologies, Inc. | 1973780 2018-12-06 | | Pending |
| 2. | SYMMETRYLOCK | United States of America | Laird Technologies, Inc. | 86/599602 2015-04-16 | 5233101 2017-06-27 | Registered |
| 3. | SYMMETRYLOCK | European Trademark-CTM | Laird Technologies, Inc. | 014692181 2015-10-16 | 014692181 2016-02-16 | Registered |
| 4. | TASVERII | United States of America | Laird Limited | 86/509240 2015-01-21 | | Pending |
| 5. | TASVERII | European Trademark-CTM | Laird Limited | 013686051 2015-01-27 | 013686051 2015-08-03 | Registered |
| 6. | TASVERII | China | Laird Limited | 16380114 2015-02-11 | 16380114 2016-04-14 | Registered |
| 7. | TASVERII | China | Laird Limited | 16380115 2015-02-11 | 16380115 2016-04-14 | Registered |
| 8. | TASVERII | United States of America | Laird Limited | 86/509251 2015-01-21 | 5469948 2018-05-15 | Registered |
| 9. | ACCUSPEED | China | Laird Technologies, Inc. | 21539279 2016-10-12 | 21539279 2017-11-28 | Registered |

| 10. | SYMMETRYLOCK | China | Laird Technologies, Inc. | 18696570 2016-10-12 | 18696570 2017-01-28 | | | Registered |
|-----|---------------------------|--------------------------|--------------------------|-------------------------------|-------------------------|--|--|------------|
| 11. | SAFE-E-STOP | United States of America | Laird Technologies, Inc. | 87/952100 2018-06-07 | | | | Pending |
| 12. | SAFE-E-STOP | European Trademark-CTM | Laird Technologies, Inc. | 017916185 2018-06-11 | 017916185 2018-11-27 | | | Registered |
| 13. | SAFE-E-STOP | China | Laird Technologies, Inc. | 35158775 2018-12-07 | | | | Pending |
| 14. | SAFE-E-STOP | Canada | Laird Technologies, Inc. | 1934220 2018-12-05 | | | | Pending |
| 15. | SAFE-E-STOP | Japan | Laird Technologies, Inc. | 2018-150069 2018-12-06 | | | | Pending |
| 16. | SAFE-E-STOP (Class 09) | Korea (South) | Laird Technologies, Inc. | 40-2018-0172278 2018-12-07 | | | | Pending |
| 17. | SAFE-E-STOP | Mexico | Laird Technologies, Inc. | 2140137 2018-12-06 | | | | Pending |
| 18. | SAFE-E-STOP | Brazil | Laird Technologies, Inc. | 916385558 2018-12-06 | | | | Pending |

(ii) Unregistered trademarks:

Safe-T-Stop

SCHEDULE B TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

Patents and Patent Applications

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|---|--------------------------|------------|-------------|-----------------|------------|----------------|------------|----------------|---|
| 1. | BLUETOOTH ZONE CONTROL USING PROXIMITY DETECTION DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | United States of America | Registered | 2014-07-15 | 14/331759 | 2016-10-04 | 9460574 | 2016-01-21 | 2016/0019737 | Laird Technologies, Inc. |
| 2. | Method, System and Related Devices for Operating Multiple Cranes in Unison | United States of America | Registered | 2015-02-06 | 14/615573 | 2018-07-17 | 10023210 | 2016-08-11 | 2016/0229434 | Laird Technologies, Inc. |
| 3. | Method, System and Related Devices for Operating Multiple Cranes in Unison | United States of America | Lapsed | 2015-01-30 | 62/109936 | | | | | Laird Technologies, Inc. |
| 4. | Method, System and Related Devices for Operating Multiple Cranes in Unison | United States of America | Lapsed | 2014-05-16 | 61/994468 | | | | | Laird Technologies, Inc. |
| 5. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | United States of America | Lapsed | 2015-03-25 | 62/138045 | | | | | Laird Technologies, Inc. |
| 6. | BLUETOOTH ZONE CONTROL USING PROXIMITY DETECTION | International Patent-PCT | Nat. Phase | 2015-06-26 | PCT/US15/37942 | | | 2016-01-21 | WO 2016/010714 | Laird Technologies, Inc. |
| 7. | BLUETOOTH ZONE CONTROL SYSTEM AND DEVICE | China | Registered | 2015-07-15 | 201520512256.0 | 2015-11-18 | 201520512256.0 | 2015-11-18 | CN204790390U | Laird Technologies (Shanghai) Co., Ltd. |
| 8. | MONITORING AND CONTROLLING OF | United States of America | Lapsed | 2015-06-30 | 62/187007 | | | | | Laird Technologies, Inc. |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|--------------------------|------------|-------------|--------------------|------------|-----------------|------------|-----------------|---|
| | DISTRIBUTED MACHINES | America | | | | | | | | Inc. |
| 9. | BLUETOOTH ZONE CONTROL SYSTEM AND DEVICE | China | Registered | 2015-07-15 | 20151041583 4.3 | 2018-07-10 | 2015104 15834.3 | 2016-01-27 | 1052783 66 | Laird Technologies (Shanghai) Co., Ltd. |
| 10. | SYSTEMS AND METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | United States of America | Lapsed | 2015-12-01 | 14/955405 | | | 2017-06-01 | 2017/01 51969 | Laird Technologies, Inc. |
| 11. | SYSTEMS AND METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | Canada | Registered | 2015-12-02 | 2913800 | 2017-08-15 | 2913800 | 2017-06-01 | 2913800 | Laird Technologies, Inc. |
| 12. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | International Patent-PCT | Nat. Phase | 2016-02-05 | PCT/US16/166 87 | | | 2016-08-11 | WO2016 /127018 | Laird Technologies, Inc. |
| 13. | Method, System and Related Devices for Operating Multiple Cranes in Unison | International Patent-PCT | Nat. Phase | 2015-05-14 | PCT/IB2015/0 53572 | | | 2015-11-19 | WO2015 /173773 | Laird Technologies, Inc. |
| 14. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | International Patent-PCT | Nat. Phase | 2016-03-11 | PCT/US16/219 22 | | | 2016-09-29 | WO 2016/15 3814 | Laird Technologies, Inc. |
| 15. | MONITORING AND CONTROLLING OF | United States of | Pending | 2016-06-29 | 15/197276 | | | 2017-01-05 | 2017/00 01653 | Laird Technologies, |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|--------------------------|------------|-------------|-----------------|------------|---------------|------------|----------------|--------------------------|
| | DISTRIBUTED MACHINES | America | | | | | | | | Inc. |
| 16. | MONITORING AND CONTROLLING OF DISTRIBUTED MACHINES | International Patent-PCT | Nat. Phase | 2016-06-29 | PCT/US16/40133 | | | 2017-01-05 | WO 2017/004229 | Laird Technologies, Inc. |
| 17. | Method, System and Related Devices for Operating Multiple Cranes in Unison | Canada | Registered | 2015-05-14 | 2948778 | 2018-12-04 | 2948778 | | | Laird Technologies, Inc. |
| 18. | Method, System and Related Devices for Operating Multiple Cranes in Unison | European Patent | Pending | 2015-05-14 | 15792116.4 | | | 2017-03-22 | 3142956 | Laird Technologies, Inc. |
| 19. | Method, System and Related Devices for Operating Multiple Cranes in Unison | China | Registered | 2015-05-14 | 201590000617.1 | 2018-01-05 | 20159000617.1 | | | Laird Technologies, Inc. |
| 20. | Method, System and Related Devices for Operating Multiple Cranes in Unison | United States of America | Registered | 2015-05-14 | 15/303708 | 2018-10-23 | 10108164 | 2017-02-02 | 2017/0031339 | Laird Technologies, Inc. |
| 21. | SYSTEMS AND METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | International Patent-PCT | Nat. Phase | 2016-11-03 | PCT/US16/60264 | | | 2017-06-08 | WO2017/095589 | Laird Technologies, Inc. |
| 22. | BLUETOOTH ZONE CONTROL USING PROXIMITY DETECTION | Canada | Pending | 2015-06-26 | 2955215 | | | | | Laird Technologies, Inc. |
| 23. | BLUETOOTH ZONE CONTROL USING PROXIMITY DETECTION | European Patent | Pending | 2015-06-26 | 158222537.5 | | | 2017-05-24 | 3170313 | Laird Technologies, Inc. |
| 24. | DEVICES, SYSTEMS, | United | Pending | 2017-01-03 | 15/397186 | | | 2018-07- | 2018/01 | Laird |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|---|--------------------------|---------|-------------|-----------------|------------|------------|------------|--------------|--------------------------|
| | AND METHODS FOR RELAYING VOICE MESSAGES TO OPERATOR CONTROL UNITS OF REMOTE CONTROL LOCOMOTIVES | States of America | | | | | | 05 | 86386 | Technologies, Inc. |
| 25. | WIRELESS EMERGENCY STOP SYSTEMS, AND CORRESPONDING METHODS OF OPERATING A WIRELESS EMERGENCY STOP SYSTEM FOR A MACHINE SAFETY INTERFACE | United States of America | Pending | 2017-07-31 | 15/664606 | | | 2019-01-03 | 2019/0004489 | Laird Technologies, Inc. |
| 26. | WIRELESS EMERGENCY STOP SYSTEMS, AND CORRESPONDING METHODS OF OPERATING A WIRELESS EMERGENCY STOP SYSTEM FOR A MACHINE SAFETY INTERFACE | United States of America | Pending | 2017-06-30 | 62/527853 | | | | | Laird Technologies, Inc. |
| 27. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | Canada | Pending | 2016-02-05 | 2975880 | | | | | Laird Technologies, Inc. |
| 28. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING | China | Pending | 2016-02-05 | 20168000888 3.8 | | | 2017-09-29 | 107223102 | Laird Technologies, Inc. |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|---|--------------------------|------------|-------------|-----------------|------------|------------|------------|---------------|--------------------------|
| | LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | | | | | | | | | |
| 29. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | European Patent | Nat. Phase | 2016-02-05 | 16747311.5 | 2018-08-15 | 3253641 | 2017-12-13 | 3253641 | Laird Technologies, Inc. |
| 30. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | United States of America | Pending | 2017-07-31 | 15/664069 | | | 2017-11-16 | 2017/03 27352 | Laird Technologies, Inc. |
| 31. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | Canada | Pending | 2016-03-11 | 2980127 | | | | | Laird Technologies, Inc. |
| 32. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | European Patent | Pending | 2016-03-11 | 16769318.3 | | | 2018-01-31 | 3274287 | Laird Technologies, Inc. |
| 33. | COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS | China | Pending | 2016-03-11 | 20168001769 6.6 | | | 2017-11-21 | CN10737 1364A | Laird Technologies, Inc. |
| 34. | DEVICES, SYSTEMS, AND METHODS RELATED TO CONTROLLING MACHINES USING OPERATOR CONTROL UNITS AND PROGRAMMABLE | United States of America | Pending | 2017-10-18 | 15/787215 | | | | | Laird Technologies, Inc. |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|---|-----------------|------------|-------------|-----------------|------------|--------------------|------------|--------------|--------------------------|
| 35. | LOGIC CONTROLLERS DEVICES, SYSTEMS, AND METHODS FOR RELAYING VOICE MESSAGES TO OPERATOR CONTROL UNITS OF REMOTE CONTROL LOCOMOTIVES | Canada | Pending | 2018-01-02 | 2990542 | | | | | Laird Technologies, Inc. |
| 36. | OPERATOR CONTROL UNITS FOR LOCOMOTIVES, AND SYSTEMS AND METHODS FOR RELAYING VOICE MESSAGES | China | Pending | 2018-01-03 | 20181000442 8.1 | | | 2018-07-10 | 1082633 99 | Laird Technologies, Inc. |
| 37. | OPERATOR CONTROL UNITS FOR LOCOMOTIVES AND SYSTEMS FOR RELAYING VOICE MESSAGES | China | Registered | 2018-01-03 | 20182000935 2.7 | 2018-08-10 | ZL20182 0009352. 7 | 2018-08-10 | CN20771 2047 | Laird Technologies, Inc. |
| 38. | DEVICES, SYSTEMS, AND METHODS FOR RELAYING VOICE MESSAGES TO OPERATOR CONTROL UNITS OF REMOTE CONTROL LOCOMOTIVES | European Patent | Pending | 2018-01-02 | 18150044 | | | 2018-08-01 | 3354533 | Laird Technologies, Inc. |
| 39. | MONITORING AND CONTROLLING OF DISTRIBUTED MACHINES | Canada | Pending | 2018-01-03 | 2991289 | | | | | Laird Technologies, Inc. |
| 40. | MONITORING AND | China | Pending | 2016-06-29 | 20168004731 | | | 2018-04- | CN10792 | Laird |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|--------------------------|------------|-------------|-----------------|------------|------------|------------|-----------|--------------------------|
| | CONTROLLING OF DISTRIBUTED MACHINES | | | | 4.4 | | | 17 | 1981 | Technologies, Inc. |
| 41. | MONITORING AND CONTROLLING OF DISTRIBUTED MACHINES | European Patent | Pending | 2018-06-22 | 16818705.2 | | | 2018-05-09 | 3317158 | Laird Technologies, Inc. |
| 42. | SYSTEMS AND METHODS FOR MONITORING LOCOMOTIVE WHEEL SIZE | United States of America | Registered | 2017-12-20 | 15/848459 | 2018-12-11 | 10151582 | | | Laird Technologies, Inc. |
| 43. | SYSTEMS, METHODS AND DEVICES FOR REMOTE CONTROL LOCOMOTIVE TRAINING | United States of America | Pending | 2017-12-28 | 62/611374 | | | | | Laird Technologies, Inc. |
| 44. | COMPUTERIZED RAILROAD TRACK MAPPING METHODS AND SYSTEMS | United States of America | Pending | 2017-12-21 | 15/851256 | | | | | Laird Technologies, Inc. |
| 45. | SYSTEMS, METHODS AND DEVICES FOR REMOTE CONTROL LOCOMOTIVE TRAINING | United States of America | Pending | 2018-01-16 | 15/872624 | | | | | Laird Technologies, Inc. |
| 46. | SYSTEMS, METHODS AND DEVICES FOR OPERATOR CONTROL UNIT DISPLAY EXTENSION | United States of America | Pending | 2018-03-21 | 62/646313 | | | | | Laird Technologies, Inc. |
| 47. | SYSTEMS, METHODS AND DEVICES FOR OPERATOR CONTROL UNIT BASED VOIP | United States of America | Pending | 2018-03-21 | 62/646346 | | | | | Laird Technologies, Inc. |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|-----------------|---------|-------------|-----------------|------------|------------|------------|------------|--------------------------|
| 48. | COMMUNICATION WIRELESS EMERGENCY STOP SYSTEMS AND CORRESPONDING METHODS OF OPERATING A WIRELESS EMERGENCY STOP SYSTEM FOR A MACHINE SAFETY INTERFACE | Canada | Pending | 2018-05-14 | 3004857 | | | | | Laird Technologies, Inc. |
| 49. | WIRELESS EMERGENCY STOP SYSTEMS, AND METHODS OF OPERATING A WIRELESS EMERGENCY STOP SYSTEM | China | Pending | 2018-06-27 | 20181067815 0.6 | | | | | Laird Technologies, Inc. |
| 50. | WIRELESS EMERGENCY STOP SYSTEMS AND CORRESPONDING METHODS OF OPERATING A WIRELESS EMERGENCY STOP SYSTEM FOR A MACHINE SAFETY INTERFACE | European Patent | Pending | 2018-05-14 | 18172056.6 | | | 2019-01-02 | 3422121 | Laird Technologies, Inc. |
| 51. | WIRELESS EMERGENCY STOP SYSTEMS | China | Pending | 2018-06-27 | 20182100688 8.X | | | | | Laird Technologies, Inc. |
| 52. | SYSTEMS AND METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | China | Pending | 2016-11-03 | 20168007056 4.X | | | 2018-08-03 | 1083677 67 | Laird Technologies, Inc. |
| 53. | SYSTEMS AND | European | Pending | 2016-11-03 | 16871250.3 | | | 2018-10- | 3383724 | Laird |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|--------------------------|------------|-------------|-----------------|------------|------------|------------|--------------|--------------------------|
| | METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | Patent | | | | | | 10 | | Technologies, Inc. |
| 54. | SYSTEMS AND METHODS FOR SAFETY LOCKING OF OPERATOR CONTROL UNITS FOR REMOTE CONTROL MACHINES | United States of America | Pending | 2018-06-01 | 15/995511 | | | 2018-10-04 | 2018/0281834 | Laird Technologies, Inc. |
| 55. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | United States of America | Pending | 2018-07-16 | 16/036024 | | | 2018-11-15 | 2018/0327000 | Laird Technologies, Inc. |
| 56. | Automated Railroad Safety Systems | United States of America | Pending | 2018-08-31 | 62/725666 | | | | | Laird Technologies, Inc. |
| 57. | SYSTEMS, METHODS AND DEVICES FOR OPERATOR CONTROL UNIT BASED VOIP COMMUNICATION | United States of America | Pending | 2018-08-21 | 16/106751 | | | | | Laird Technologies, Inc. |
| 58. | DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES | Germany | Registered | 2016-02-05 | 16747311.5 | 2018-08-15 | 3253641 | | | Laird Technologies, Inc. |
| 59. | AUTOMATED RAILROAD SAFETY | United States of | Pending | 2018-09-28 | 16/146527 | | | | | Laird Technologies, |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|---|---|---------|-------------|--------------------|------------|------------|------------|-----------|--|
| 60. | SYSTEMS Method, System and Related Devices for Operating Multiple Cranes in Unison | America United States of America | Pending | 2018-10-04 | 16/152018 | | | | | Inc. Laird Technologies, Inc. |
| 61. | DEVICES, SYSTEMS, AND METHODS RELATED TO CONTROLLING MACHINES USING OPERATOR CONTROL UNITS AND PROGRAMMABLE LOGIC CONTROLLERS | International Patent- PCT | Pending | 2018-10-18 | PCT/US18/564 55 | | | | | Laird Technologies, Inc. |
| 62. | COMPUTERIZED RAILROAD TRACK MAPPING METHODS AND SYSTEMS | International Patent- PCT | Pending | 2018-10-19 | PCT/US18/566 59 | | | | | Laird Technologies, Inc. |
| 63. | SYSTEMS AND METHODS FOR MONITORING LOCOMOTIVE WHEEL SIZE | European Patent | Pending | 2018-10-25 | 18202671.6 | | | | | Laird Technologies, Inc. |
| 64. | SYSTEMS AND METHODS FOR MONITORING LOCOMOTIVE WHEEL SIZE | China | Pending | 2018-12-20 | 20811563620. 0 | | | | | Laird Technologies, Inc. |
| 65. | SYSTEMS FOR MONITORING LOCOMOTIVE WHEEL SIZE | China | Pending | 2018-12-20 | 20182219072 3.9 | | | | | Laird Technologies, Inc. |
| 66. | Method, System and Related Devices for Operating Multiple | Canada | Pending | 2015-05-14 | 3021671 | | | | | Laird Technologies, Inc. |

| No. | Patent Title | Country | Status | Filing Date | Application No. | Grant Date | Patent No. | Publ. Date | Publ. No. | Owner |
|-----|--|---------------------------------|------------|-------------|--------------------|------------|------------|----------------|-----------------|--------------------------------|
| 67. | Cranes in Unison SYSTEMS, METHODS AND DEVICES FOR OPERATOR CONTROL UNIT DISPLAY EXTENSION | United States of America | Pending | 2019-01-25 | 16/257974 | | | | | Laird Technologies, Inc. |
| 68. | SYSTEMS AND METHODS FOR SHIPMENT TRACKING | United States of America | Lapsed | 2015-04-01 | 14/676149 | | | | | Laird Technologies, Inc. |
| 69. | SYSTEMS AND METHODS FOR SHIPMENT TRACKING | China | Pending | 2017-03-15 | 20158004975 87 | | | 2017-05- 31 | CN10679 6681 | Laird Technologies, Inc. |
| 70. | SYSTEMS AND METHODS FOR SHIPMENT TRACKING | United States of America | Lapsed | 2014-04-15 | 62/037675 | | | | | Laird Technologies, Inc. |
| 71. | SYSTEMS AND METHODS FOR SHIPMENT TRACKING | International Patent- PCT | Nat. Phase | 2015-06-26 | PCT/US15/379 17 | | | | | Laird Technologies, Inc. |
| 72. | REMOTE CONTROL SYSTEM FOR A LOCOMOTIVE USING VOICE COMMANDS | Mexico | Pending | 2003-02-28 | PAa20030018 43 | | | 2004-06- 21 | | Laird Technologies, Inc. |

SCHEDULE C TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

Copyright Registrations and Applications for Registration

None.

SCHEDULE D TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT







Internet Domain Name Registrations and Applications for Registration


| | |
|-----|--------------------|
| 1. | catron-theimeg.com |
| 2. | catron.com |
| 3. | catronconnect.com |
| 4. | catrongroup.com |
| 5. | catrongroup.com.cn |
| 6. | catronsa.com |
| 7. | catrontheimeg.com |
| 8. | catronuk.com |
| 9. | catronuk.net |
| 10. | safe-e-stop.com |
| 11. | tasverii.biz |

| | |
|-----|---------------------|
| 12. | tasverii.co |
| 13. | tasverii.com |
| 14. | tasverii.info |
| 15. | tasverii.net |
| 16. | tasverii.org |
| 17. | tasverii.us |
| 18. | wireless-e-stop.com |
| 19. | wireless-estop.com |

SCHEDULE E TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

Trademark Registrations and Applications for Registration:

| <u>#</u> | <u>Trademark</u> | <u>Country</u> | <u>Reg. / App. Number</u> | <u>Reg. Date / Appl. Date</u> |
|----------|---|----------------|---------------------------|-------------------------------|
| 1 | BELTPACK | US | 2,570,611 / 75/737,417 | 5/21/2002 / 6/25/1999 |
| |  | | | |
| 2 | CATTRON & design | US | 2,048,601 / 74/622,071 | 4/1/1997 / 1/17/1995 |
| |  | | | |
| 3 | CATTRON & design | Canada | TMA487,084 / 781064 | 12/16/1997 / 4/24/1995 |
| |  | | | |
| 4 | CATTRON & design | China | 7041841 / 7041841 | 2/21/2012 / 11/6/2008 |
| |  | | | |
| 5 | CATTRON & design | China | 7041843 / 7041843 | 11/7/2010 / 6/11/6/2008 |
| |  | | | |
| 6 | CATTRON & design | China | 7041842 / 7041842 | 8/21/2010 / 11/6/2008 |
| |  | | | |
| 7 | | UK | 2199448 / 2199448 | 6/30/2000 / 6/7/1999 |

| # | Trademark | Country | Reg. / App. Number | Reg. Date / Appl. Date |
|----|---|--------------|-----------------------------------|------------------------|
| | CATTRON & design | | | |
| |  | | | |
| 8 | CATTRON & design | South Africa | 1998/14880 & 81 / 1998/14880 & 81 | 4/4/2002 / 8/21/1998 |
| 9 | TALKBACK | US | 2,024,295 / 74/517,939 | 12/17/1996 / 4/28/1994 |
| 10 | TALKBACK | Canada | TMA523,772 / 892039 | 2/24/2000 / 10/1/1998 |
| 11 | TALKBACK | South Africa | 1998/14882 / 1998/14882 | 7/8/2002 / 8/21/1998 |
| 12 | CATTRON | UK | 1569416 / 1569416 | 5/26/1995 / 4/20/1994 |
| 13 | CATTRON | Brazil | 821095935 / 821095935 | 5/7/2002 / 12/15/1998 |
| 14 | CATTRON | Canada | TMA528,474 / 8/25/1998 | 5/29/2000 / 8/25/1998 |
| 15 | CATTRON | China | 6107573 / 6107573 | 2/14/2010 / 6/13/2007 |
| 16 | CATTRON | US | 2,120,844 / 75/042,053 | 12/16/1997 / 1/11/1996 |
| 17 | CATTRON | South Africa | 1998/14878 & 79 / 1998/14878 & 79 | 4/4/2002 / 8/21/1998 |
| 18 | SIAMNET | China | 7041856 / 7041856 | 12/14/2013 / 11/6/2008 |
| 19 | SIAMNET | China | 7041837 / 7041837 | 1/7/2014 / 11/6/2008 |
| 20 | SIAMNET | China | 7041838 / 7041838 | 10/7/2010 / 11/6/2008 |
| 21 | CATTRON-THEIMEG | China | 6107572 / 6107572 | 2/14/2010 / 6/13/2007 |
| | 凯特龙-泰梅格 | | | |
| 22 | CATTRON-THEIMEG (Chinese characters) | China | 6118407 / 6118407 | 2/21/2010 / 6/19/2007 |
| | 凯特龙 | | | |
| 23 | CATTRON (Chinese characters) | China | 6118406 / 6118406 | 2/28/2010 / 6/19/2007 |

| <u>#</u> | <u>Trademark</u> | <u>Country</u> | <u>Reg. / App. Number</u> | <u>Reg. Date / Appl. Date</u> |
|----------|-------------------------------------|----------------|---------------------------|-------------------------------|
| 24 | 凯特龙 CATTRON (Chinese characters) | China | 7041851 / 7041851 | 7/28/2010 / 11/6/2008 |
| 25 | 凯特龙 CATTRON (Chinese characters) | China | 7041852 / 7041852 | 8/21/2010 / 11/6/2008 |
| 26 | 泰梅格 THEIMEG (Chinese Characters) | China | 7041849 / 7041849 | 8/21/2010 / 11/6/2008 |
| 27 | 泰梅格 THEIMEG (Chinese Characters) | China | 7041848 / 7041848 | 7/28/2010 / 11/6/2008 |
| 28 | 泰梅格 THEIMEG (Chinese Characters) | China | 7041850 / 7041850 | 10/7/2010 / 11/6/2008 |
| 29 | CATTRONCONTROL | China | 7105374 / 7105374 | 8/28/2010 / 12/10/2008 |
| 30 | CATTRONCONTROL | China | 6575534 / 6575534 | 3/28/2010 / 3/3/2008 |

SCHEDULE F TO INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

Patents and Patent Applications

| <u>#</u> | <u>Title</u> | <u>Country</u> | <u>Patent/ Application Number</u> | <u>Issue Date/ Appl. Date</u> |
|----------|--|----------------|-----------------------------------|-------------------------------|
| 1 | SENSOR FEEDBACK CONTROL FOR AUTOMATED BUCKET LOADING | PCT | CA95/00213 | 4/19/1995 |
| 2 | SENSOR FEEDBACK CONTROL FOR AUTOMATED BUCKET LOADING | US | 5,941,921 / 08/750,278 | 8/24/1999 / 3/19/1997 |
| 3 | SENSOR FEEDBACK CONTROL FOR AUTOMATED BUCKET LOADING | Australia | 680134 / 22119/95 | 7/17/1997 / 4/19/1995 |
| 4 | SENSOR FEEDBACK CONTROL FOR AUTOMATED BUCKET LOADING | Chile | 47,243 / 803-95 | 1/20/2011 / 6/6/1995 |
| 5 | TACTILE CONTROL FOR AUTOMATED BUCKET LOADING | South Africa | 95/3844 / 95/3844 | 3/27/1996 / 5/11/1995 |

Trademark Registrations and Applications for Registration:

| <u>#</u> | <u>Trademark</u> | <u>Country</u> | <u>Reg. / App. Number</u> | <u>Reg. Date / Appl. Date</u> |
|----------|------------------|----------------|---------------------------|-------------------------------|
| 1 | SIAM | Canada | TMA549,228 / 1007270 | 8/3/2001 / 3/4/1999 |