

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6309461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CONTROL SOLUTIONS ENTERPRISES, INC.	10/29/2019
RECEIVING PARTY DATA	
Name:	CATTRON NORTH AMERICA, INC.
Street Address:	655 NORTH RIVER ROAD, NW, SUITE A
City:	WARREN
State/Country:	OHIO
Postal Code:	44483
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17026878
CORRESPONDENCE DATA	
Fax Number:	(314)726-7501
<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:	stlouisagfefile@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	7700 BONHOMME, SUITE 400
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	9062M-000053-US-COA
NAME OF SUBMITTER:	ANTHONY G. FUSSNER
SIGNATURE:	/Anthony G. Fussner/
DATE SIGNED:	09/21/2020
Total Attachments: 26	
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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.

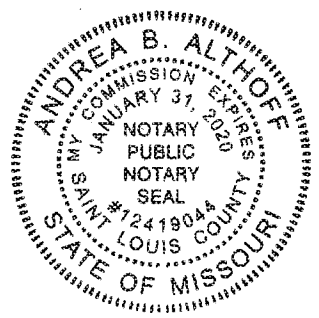
By: Bethany Michel
Name: Bethany Michel
Title: Vice President
Date: October 29, 2019

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

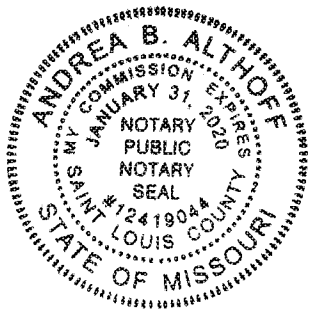
STATE OF Missouri)

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:

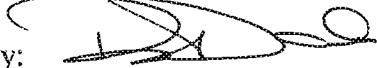
By: Annette L. Range
Print Name: Annette L. Range
Date: 10-29-19

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

[Signature Page to IP Assignment Agreement]

ASSIGNOR:

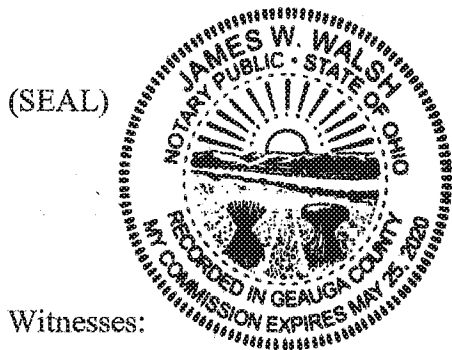
Cattron Canada Ltd.

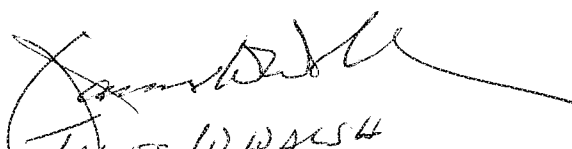
By: 
 Name: Brian D'Angelo
 Title: CFO
 Date: 11/26/19

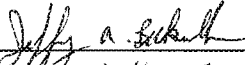
STATE OF Oh)

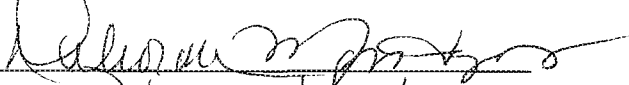
COUNTY OF TRUMBULL) ss:

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.




 JAMES W. WALSH
 Notary Public


Witnesses:
 By: 
 Print Name: Jeffrey A. Buckmiller
 Date: 11/26/2019

By: 
 Print Name: Deborah Montgomery
 Date: 11-26-2019

[Signature Page to IP Assignment Agreement]

ASSIGNEE:

Cattron North America, Inc.

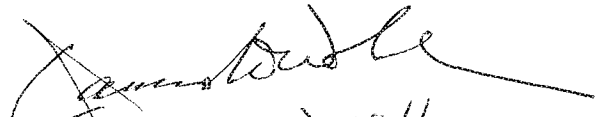
By: 
 Name: Brian D'Angelo
 Title: CEO
 Date: 11/20/19

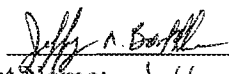
STATE OF Oh)

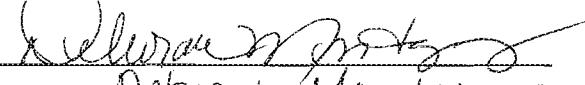
COUNTY OF TRUMBULL) ss:

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.




 JAMES W WALSH
 Notary Public

Witnesses:
 By: 
 Print Name: Jeffrey A. Beckwiler
 Date: 11/20/2019

By: 
 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	United States of America	Registered	2014-07-15	14/331759	2016-10-04	9460574	2016-01-21	2016/0019737	Laird Technologies, Inc.
2.	DEVICES, SYSTEMS, AND METHODS RELATED TO TRACKING LOCATION OF OPERATOR CONTROL UNITS FOR LOCOMOTIVES	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	Lapsed	2015-06-30	62/187007					Laird Technologies,

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	201510415834.3	2018-07-10	201510415834.3	2016-01-27	105278366	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	2017/0151969	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/US16/16687			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/IB2015/053572			2015-11-19	WO2015/173773	Laird Technologies, Inc.
14.	COORDINATED SAFETY INTERLOCKING SYSTEMS AND METHODS	International Patent-PCT	Nat. Phase	2016-03-11	PCT/US16/21922			2016-09-29	WO2016/153814	Laird Technologies, Inc.
15.	MONITORING AND CONTROLLING OF	United States of	Pending	2016-06-29	15/197276			2017-01-05	2017/0001653	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	201590000617.1			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	15822537.5			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	201680008883.8			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
	LOGIC CONTROLLERS									
35.	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
	COMMUNICATION									
48.	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.	Parent 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
	SYSTEMS	America								Inc.
60.	Method, System and Related Devices for Operating Multiple Cranes in Unison	United States of America	Pending	2018-10-04	16/152018					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/US18/56455					Laird Technologies, Inc.
62.	COMPUTERIZED RAILROAD TRACK MAPPING METHODS AND SYSTEMS	International Patent-PCT	Pending	2018-10-19	PCT/US18/56659					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	201822190723.9					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
	Cranes in Unison									
67.	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	2015800497587			2017-05-31	CN106796681	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/US15/37917					Laird Technologies, Inc.
72.	REMOTE CONTROL SYSTEM FOR A LOCOMOTIVE USING VOICE COMMANDS	Mexico	Pending	2003-02-28	PAa2003001843			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.	cattron-theimeg.com
2.	cattron.com
3.	cattronconnect.com
4.	cattrongroup.com
5.	cattrongroup.com.cn
6.	cattronsa.com
7.	cattrontheimeg.com
8.	cattronuk.com
9.	cattronuk.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 / 6/11/2008
				
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
22	凯特龙-泰梅格 CATTRON-THEIMEG (Chinese characters)	China	6118407 / 6118407	2/21/2010 / 6/19/2007
23	凯特龙 CATTRON (Chinese characters)	China	6118406 / 6118406	2/28/2010 / 6/19/2007

#	Trademark	Country	Reg. / App. Number	Reg. Date / Appl. Date
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	SLAM	Canada	TMA549,228 / 1007270	8/3/2001 / 3/4/1999