

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4109173

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
ETHERTRONICS, INC.		10/13/2016
RECEIVING PARTY DATA		
Name:	NH EXPANSION CREDIT FUND HOLDINGS LP	
Street Address:	1585 BROADWAY, 37TH FLOOR	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10036	
PROPERTY NUMBERS Total: 159		
Property Type	Number	
Patent Number:	6323810	
Patent Number:	6456243	
Patent Number:	6486848	
Patent Number:	6498587	
Patent Number:	6518924	
Patent Number:	6567053	
Patent Number:	6573867	
Patent Number:	6675461	
Patent Number:	6677915	
Patent Number:	6717551	
Patent Number:	6744410	
Patent Number:	6859175	
Patent Number:	6900773	
Patent Number:	6906667	
Patent Number:	6911940	
Patent Number:	6919857	
Patent Number:	6943730	
Patent Number:	7012568	
Patent Number:	7084813	
Patent Number:	7123209	

PATENT

Property Type	Number
Patent Number:	7310536
Patent Number:	7339531
Patent Number:	7528790
Patent Number:	7616164
Patent Number:	7663556
Patent Number:	7671816
Patent Number:	7696932
Patent Number:	7777686
Patent Number:	7812774
Patent Number:	7830320
Patent Number:	7911402
Patent Number:	7994986
Patent Number:	7932869
Patent Number:	8059047
Patent Number:	8077116
Patent Number:	8179323
Patent Number:	8362962
Patent Number:	8421695
Patent Number:	8421685
Patent Number:	8604988
Patent Number:	8581789
Patent Number:	8570231
Patent Number:	8633863
Patent Number:	8542158
Patent Number:	8952861
Patent Number:	8648755
Patent Number:	8717241
Patent Number:	8648756
Patent Number:	8421702
Patent Number:	8698682
Patent Number:	8928540
Patent Number:	9014699
Patent Number:	8995936
Patent Number:	8843085
Patent Number:	9002268
Patent Number:	8988289
Patent Number:	8928541
Patent Number:	9030361

Property Type	Number
Patent Number:	9030372
Patent Number:	9037190
Patent Number:	9035836
Patent Number:	9048535
Patent Number:	9110160
Patent Number:	9123986
Patent Number:	9172422
Patent Number:	9190733
Patent Number:	9160074
Patent Number:	9112276
Patent Number:	9065496
Patent Number:	9253626
Patent Number:	9263793
Patent Number:	9287941
Patent Number:	9214660
Patent Number:	9240634
Patent Number:	9343806
Patent Number:	9368858
Patent Number:	9397399
Patent Number:	9325543
Patent Number:	9325062
Patent Number:	9425497
Patent Number:	9431700
Patent Number:	9425501
Patent Number:	9462488
Patent Number:	9472848
Patent Number:	9391582
Patent Number:	9231669
Patent Number:	9413062
Patent Number:	9231536
Patent Number:	9231301
Application Number:	13612809
Application Number:	61590303
Application Number:	13965101
Application Number:	14662176
Application Number:	13717550
Application Number:	14071560
Application Number:	13821811

Property Type	Number
Application Number:	14690323
Application Number:	13295979
Application Number:	61441263
Application Number:	61532822
Application Number:	61702744
Application Number:	13707506
Application Number:	13118374
Application Number:	13557176
Application Number:	13558308
Application Number:	61532456
Application Number:	61535360
Application Number:	13675981
Application Number:	61649369
Application Number:	15085335
Application Number:	61683675
Application Number:	14109837
Application Number:	14314559
Application Number:	13854495
Application Number:	61772434
Application Number:	14213959
Application Number:	61838555
Application Number:	61884934
Application Number:	14569576
Application Number:	61922645
Application Number:	14660086
Application Number:	14631801
Application Number:	14660741
Application Number:	61955059
Application Number:	61955050
Application Number:	14553920
Application Number:	14821655
Application Number:	14845183
Application Number:	14930651
Application Number:	14968893
Application Number:	62101962
Application Number:	15016245
Application Number:	15016253
Application Number:	14691536

Property Type	Number
Application Number:	62159078
Application Number:	15150314
Application Number:	14465686
Application Number:	62159103
Application Number:	15269869
Application Number:	62196794
Application Number:	62255375
Application Number:	62258859
Application Number:	62290416
Application Number:	62290419
Application Number:	15170943
Application Number:	62290422
Application Number:	62291432
Application Number:	14965881
Application Number:	62326592
Application Number:	62324221
Application Number:	62324840
Application Number:	15182412
Application Number:	15242514
Application Number:	15263270
Application Number:	15261840
Application Number:	14953175
Application Number:	14885981
Application Number:	14781889
Application Number:	14109789

CORRESPONDENCE DATA

Fax Number: (858)550-6420

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: 858-550-6433

Email: jmfitzpatrick@cooley.com

Correspondent Name: JENNIFER FITZPATRICK

Address Line 1: C/O COOLEY LLP

Address Line 2: 4401 EASTGATE MALL

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	136453-190 ETHERTRONICS
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NAME OF SUBMITTER:	JENNIFER FITZPATRICK
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SIGNATURE:	/JENNIFER FITZPATRICK/
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DATE SIGNED:	10/21/2016
Total Attachments: 9 source=Ethertronics - IPSA (Executed)#page1.tif source=Ethertronics - IPSA (Executed)#page2.tif source=Ethertronics - IPSA (Executed)#page3.tif source=Ethertronics - IPSA (Executed)#page4.tif source=Ethertronics - IPSA (Executed)#page5.tif source=Ethertronics - IPSA (Executed)#page6.tif source=Ethertronics - IPSA (Executed)#page7.tif source=Ethertronics - IPSA (Executed)#page8.tif source=Ethertronics - IPSA (Executed)#page9.tif	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of October 13, 2016 by and between NH EXPANSION CREDIT FUND HOLDINGS LP, a Delaware limited partnership ("Holder") and ETHERTRONICS, INC., a Delaware corporation ("Grantor").

RECITALS

A. Holder has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Secured Promissory Note issued by Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Secured Note"; capitalized terms used herein are used as defined in the Secured Note). Holder is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Holder a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Secured Note.

B. Pursuant to the terms of the Secured Note, Grantor has granted to Holder a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Secured Note and all other agreements now existing or hereafter arising between Grantor and Holder, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Secured Note and under any other agreement now existing or hereafter arising between Grantor and Holder, Grantor grants and pledges to Holder a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Holder under the Secured Note. The rights and remedies of Holder with respect to the security interest granted hereby are in addition to those set forth in the Secured Note and the other Note Documents, and those which are now or hereafter available to Holder as a matter of law or equity. Each right, power and remedy of Holder provided for herein or in the Secured Note or any of the Note Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Holder of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Secured Note or any of the other Note Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Holder, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

5501 Oberlin Drive, Suite 100
San Diego, CA 92121

Attn: Rich Johnson

ETHERTRONICS, INC.

By: [Signature]

Name: Richard Johnson

Title: CEO

HOLDER:

Address of Holder:

1585 Broadway, 37th Floor
New York, NY 10036

Attn: Debra Abramovitz

NH EXPANSION CREDIT FUND HOLDINGS LP

By: MS Expansion Credit GP L.P., its general partner

By: MS Expansion Credit GP Inc., its general partner

By: _____

Name: William Reiland

Title: Managing Director

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

ETHERTRONICS, INC.

5501 Oberlin Drive, Suite 100
San Diego, CA 92121

Attn: _____

By: _____
Name: _____
Title: _____

HOLDER:

Address of Holder:

NH EXPANSION CREDIT FUND HOLDINGS LP

1585 Broadway, 37th Floor
New York, NY 10036

Attn: Debra Abramovitz

By: MS Expansion Credit GP L.P., its general partner
By: MS Expansion Credit GP Inc., its general partner

By: 
Name: William Reiland
Title: Managing Director

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

See attached

Count	Number	Status	Patent #	Inventors	Issue or File Date	Expiration Date
1	1	US Issued Patents	6,323,910	G. Polineau, L. Desros	11/27/2011	11/27/2031
2	2	US Issued Patents	6,468,448	G. Polineau, L. Desros, S. Rowson	9/24/2012	9/24/2032
3	3	US Issued Patents	6,468,487	L. Desros, G. Polineau, S. Rowson	11/26/2012	11/26/2032
4	4	US Issued Patents	6,518,824	L. Desros, S. Rowson, G. Polineau	12/24/2012	12/24/2032
5	5	US Issued Patents	6,518,825	L. Desros, S. Rowson, G. Polineau	2/11/2013	2/11/2033
6	6	US Issued Patents	6,573,487	L. Desros, S. Rowson, G. Polineau	5/20/2013	5/20/2033
7	7	US Issued Patents	6,573,488	L. Desros, S. Rowson, G. Polineau	6/20/2013	6/20/2033
8	8	US Issued Patents	6,675,461	S. Rowson, L. Desros, G. Polineau	11/12/2014	11/12/2034
9	9	US Issued Patents	6,677,915	E. Yarovitch, L. Desros, G. Polineau	11/12/2014	11/12/2034
10	10	US Issued Patents	6,717,551	L. Desros, J. Shanbin, G. Polineau, S. Rowson	4/9/2014	4/9/2034
11	11	US Issued Patents	6,744,410	J. Shanbin, L. Desros, G. Polineau, S. Rowson	6/12/2014	6/12/2034
12	12	US Issued Patents	6,864,175	L. Desros, S. Rowson, G. Polineau	2/22/2015	2/22/2035
13	13	US Issued Patents	6,864,176	L. Desros, L. Desros, G. Polineau	2/22/2015	2/22/2035
14	14	US Issued Patents	6,864,607	G. Polineau, L. Desros, S. Rowson	5/14/2015	5/14/2035
15	15	US Issued Patents	6,911,940	G. Polineau, L. Desros, S. Rowson, J. Shanbin	9/29/2015	9/29/2035
16	16	US Issued Patents	6,918,757	J. Shanbin, L. Desros, G. Polineau, S. Rowson	7/19/2015	7/19/2035
17	17	US Issued Patents	6,943,720	G. Polineau, J. Shanbin, L. Desros, S. Rowson	9/13/2015	9/13/2035
18	18	US Issued Patents	7,012,438	G. Polineau, L. Desros, S. Rowson	3/14/2016	3/14/2036
19	19	US Issued Patents	7,094,813	V. Parthak, G. Polineau, L. Desros, S. Rowson	8/1/2016	8/1/2036
20	20	US Issued Patents	7,123,269	L. Desros, G. Polineau, S. Rowson	10/17/2016	10/17/2036
21	21	US Issued Patents	7,310,526	L. Desros, V. Parthak, G. Polineau, S. Rowson	12/18/2017	12/18/2037
22	22	US Issued Patents	7,330,231	L. Desros, G. Polineau, J. Shanbin, S. Rowson	3/4/2018	3/4/2038
23	23	US Issued Patents	7,597,180	L. Desros, Chis, Shany Wong, Park, Jun-Ho, Jung Sang-Ki, Kwak, B.S., Kim, K. Su, Lee, Seung Woo	5/6/2019	5/6/2039
24	24	US Issued Patents	7,616,164	M. Krier, L. Desros	7/8/2019	7/8/2039
25	25	US Issued Patents	7,693,556	Laurent Desros, Sebastian Rowson, Rowland Jones, Ki Soo Kim	2/19/2020	2/19/2040
26	26	US Issued Patents	7,671,816	L. Desros, S. Rowson, J. Shanbin	4/19/2020	4/19/2040
27	27	US Issued Patents	7,696,952	L. Desros, S. Rowson, R. Jones	4/19/2020	4/19/2040
28	28	US Issued Patents	7,717,986	L. Desros, S. Rowson, J. Shanbin	11/12/2019	11/12/2039
29	29	US Issued Patents	7,717,987	A. Firmin, L. Desros, X. Su	11/12/2019	11/12/2039
30	30	US Issued Patents	7,830,520	J. Shanbin, L. Desros, S. Rowson, C. Hsu, R. Jones	11/12/2019	11/12/2039
31	31	US Issued Patents	7,911,402	Sebastian Rowson, Laurent Desros, Jafel Shanbin	3/5/2020	3/5/2040
32	32	US Issued Patents	7,994,988	Laurent Desros, Sebastian Rowson	8/9/2011	8/9/2031
33	33	US Issued Patents	7,332,489	Chun-Hua, Rowland Jones, Jafel Shanbin, Sebastian Rowson, Laurent Desros	2/4/2016	2/4/2036
34	34	US Issued Patents	8,299,161	L. Desros, M. Krier, S. Thymall, V. Parthak, G. Polineau, S. Rowson	11/16/2011	11/16/2031
35	35	US Issued Patents	8,027,116	J. Shanbin, L. Desros, S. Rowson, C. Hsu, R. Jones	12/13/2011	12/13/2031
36	36	US Issued Patents	8,119,423	Laurent Desros, Jafel Shanbin, M. Krier	5/15/2012	5/15/2032
37	37	US Issued Patents	8,392,482	Sebastian Rowson, Laurent Desros, Jafel Shanbin	1/29/2013	1/29/2033
38	38	US Issued Patents	8,421,955	A. Firmin, L. Desros, X. Su	4/19/2013	4/19/2033
39	39	US Issued Patents	8,421,956	Xiaoming Su, Ting Ting Dong, Sebastian Rowson, Laurent Desros, Jafel Shanbin	4/19/2013	4/19/2033
40	40	US Issued Patents	8,594,988	J. Shanbin, L. Desros, S. Rowson	11/21/2013	11/21/2033
41	41	US Issued Patents	8,591,789	B. Malmgren, J. Shanbin, L. Desros	11/12/2013	11/12/2033
42	42	US Issued Patents	8,570,231	L. Desros, B. Malmgren, S. Rowson, J. Shanbin	10/29/2013	10/29/2033
43	43	US Issued Patents	8,633,493	L. Desros, S. Rowson, J. Shanbin	12/1/2014	12/1/2034
44	44	US Issued Patents	8,542,191	L. Desros, S. Rowson, J. Shanbin, Y. Chu	9/24/2014	9/24/2034
45	45	US Issued Patents	8,692,861	L. Desros, S. Rowson, J. Shanbin, Y. Chu	3/5/2018	3/5/2038
46	46	US Issued Patents	8,646,755	Sebastian Rowson, Laurent Desros, Jafel Shanbin	5/6/2014	5/6/2034
47	47	US Issued Patents	8,717,241	J. Shanbin, L. Desros, S. Rowson, C. Hsu, R. Jones	2/11/2014	2/11/2034
48	48	US Issued Patents	8,646,756	Laurent Desros, Sebastian Rowson, J. Shanbin	4/19/2013	4/19/2033
49	49	US Issued Patents	8,431,702	Y. Chu, C. Hsu, L. Desros, S. Rowson, B. Kwak, J. Shanbin	9/12/2012	9/12/2032
50	50	US Issued Patents	7,931,839	L. Desros, J. Shanbin, S. Rowson	4/19/2013	4/19/2033
51	51	US Issued Patents	8,298,546	L. Desros, S. Rowson, J. Shanbin, S. Borel	1/6/2015	1/6/2035
52	52	US Issued Patents	8,298,546	L. Desros, S. Rowson, J. Shanbin, S. Borel	1/6/2015	1/6/2035
53	53	US Issued Patents	9,014,899	L. Desros, S. Rowson, J. Shanbin	4/21/2015	4/21/2035
54	54	US Issued Patents	8,995,938	A. Druy, L. Desros	3/31/2015	3/31/2035
55	55	US Issued Patents	8,843,056	S. Rowson, L. Desros, J. Shanbin	9/23/2014	9/23/2034
56	56	US Issued Patents	8,902,288	L. Desros, J. Shanbin, S. Rowson	4/7/2015	4/7/2035
57	57	US Issued Patents	8,998,289	J. Shanbin, S. Rowson, L. Desros	3/24/2015	3/24/2035
58	58	US Issued Patents	8,998,291	A. Snyg, B. Malmgren, L. Desros, S. Rowson	1/6/2015	1/6/2035
59	59	US Issued Patents	8,930,481	L. Desros, S. Rowson, J. Shanbin, B. Malmgren	5/12/2015	5/12/2035
60	60	US Issued Patents	9,003,172	L. Desros, J. Shanbin, G. Jang, SW Choi, CH Seo, WS Lee	5/12/2015	5/12/2035
61	61	US Issued Patents	9,027,190	J. Shanbin, S. Rowson, L. Desros	5/19/2015	5/19/2035
62	62	US Issued Patents	9,026,826	J. Shanbin, S. Rowson, L. Desros	6/2/2015	6/2/2035
63	63	US Issued Patents	9,048,525	J. Shanbin, S. Rowson, L. Desros	8/19/2015	8/19/2035
64	64	US Issued Patents	9,113,106	J. Shanbin, S. Rowson, L. Desros	8/19/2015	8/19/2035
65	65	US Issued Patents	9,123,865	J. Shanbin, S. Rowson, L. Desros	8/19/2015	8/19/2035
66	66	US Issued Patents	9,123,866	J. Shanbin, S. Rowson, L. Desros	8/19/2015	8/19/2035
67	67	US Issued Patents	9,180,733	Chen, Chao-Hong, L. Desros, S. Rowson, J. Shanbin	11/11/2015	11/11/2035
68	68	US Issued Patents	9,180,734	L. Desros, B. Malmgren, S. Rowson, J. Shanbin	11/11/2015	11/11/2035
69	69	US Issued Patents	9,112,276	J. Shanbin, L. Desros	10/13/2015	10/13/2035
70	70	US Issued Patents	9,095,481	S. Rowson, A. Snyg, J. Shanbin, L. Desros	9/23/2015	9/23/2035
71	71	US Issued Patents	9,243,028	L. Desros, S. Rowson	6/2/2016	6/2/2036
72	72	US Issued Patents	9,297,941	A. Druy, L. Desros	3/15/2018	3/15/2038
73	73	US Issued Patents	9,150,303	G. Polineau, L. Desros	allowed, TBD	allowed, TBD
74	74	US Issued Patents	9,1214,650	O. Pichon, L. Desros	11/15/2016	11/15/2036
75	75	US Issued Patents	9,240,824	O. Robert, F. Sanchez	5/5/2016	5/5/2036
76	76	US Issued Patents	9,240,824	Sebastian Rowson, Laurent Desros, Jafel Shanbin	5/5/2016	5/5/2036
77	77	US Issued Patents	9,240,824	Sebastian Rowson, Laurent Desros, Jafel Shanbin	5/5/2016	5/5/2036
78	78	US Issued Patents	9,240,824	Sebastian Rowson, Laurent Desros, Jafel Shanbin	5/5/2016	5/5/2036
79	79	US Issued Patents	9,240,824	Sebastian Rowson, Laurent Desros, Jafel Shanbin	5/5/2016	5/5/2036
80	80	US Issued Patents	9,397,399	E. Yarovitch, L. Desros, G. Polineau, L. Desros	7/19/2016	7/19/2036
81	81	US Issued Patents	9,325,643	S. Rowson, L. Desros	4/23/2016	4/23/2036
81	81	US Issued Patents	9,325,643	O. Pichon, L. Desros	4/23/2016	4/23/2036

166	52	U.S. Pending Patents	Active Antenna	ANTENNA AND METHOD FOR STEERING ANTENNA BEAM DIRECTION FOR WIFI APPLICATIONS	14/965,981	Sebastian Rowson, Laurent Desdois, Jiah Shambin	12/10/2015
167	53	U.S. Pending Patents	System	PR System for Estimation of Over the Air Content for Advertising applications	62/726,232	L. Desdois, V. Mariani, J. Shambin	4/22/2016
168	54	U.S. Pending Patents	Active Antenna	Antenna System With Feeders for Reducing Resistances	62/726,232	L. Desdois, J. Shambin	4/22/2016
169	55	U.S. Pending Patents	Active Antenna	Low Profile Antenna	62/724,440	L. Desdois, J. Shambin	4/21/2016
170	56	U.S. Pending Patents	System	Tunable Duplexing Circuit	15/782,412	L. Desdois	6/14/2016
171	57	U.S. Pending Patents	System	Repeater with Multimode Antenna	15/782,412	A. Siegh, S. Rowson, L. Desdois, J. Shambin	8/20/2016
172	58	U.S. Pending Patents	System	Antenna With Proximity Sensor Function	15/763,270	S. Rowson, L. Desdois, J. Shambin	9/12/2016
173	59	U.S. Pending Patents	System	Modul Adaptive Antenna Using Reference Signal LTE Protocol	15/763,140	L. Desdois, S. Rowson, J. Shambin	9/12/2016
174	60	U.S. Pending Patents	System	Multi-Mode, Multi-Band, Self-Managing Power Amplifier	14/663,176	A. Durnay, L. Desdois	3/17/2016
175	61	U.S. Pending Patents	Active Antenna	Modul Adaptive Antenna Using Reference Signal LTE Protocol	14/781,888	L. Desdois, J. Shambin	3/17/2016
176	62	U.S. Pending Patents	System	Reconfigurable multi-mode active antenna system	14/781,888	L. Desdois, C. Yoon	3/18/2016
177	63	U.S. Pending Patents	System	Modul Adaptive Antenna Using Pilot Signal in CDMA Mobile Communication System and Signal Receiving Method	14/109,280	L. Desdois, S. Rowson, J. Shambin	12/17/2015
178	1	Foreign Pending Patents, Korea	Manufacturing	Two Sheet Manufacturing Method with Integrated Interconnects and Assemblies	1-2010-0047762-1	S. W. Choi	pending
179	2	Foreign Pending Patents, Korea	Manufacturing	Method For Manufacturing Circuit Having Laminated Layer Using DGS Process	10-2015-0078172	S.W. Choi, H. Y. Hong, T.W. Kim, C.H. Ryu, Y.S. Kim, S.J. Kim	6/22/2016
180	3	Foreign Pending Patents, Korea	Active Antenna	Modul Adaptive Antenna With Correlation Management for Diversity Applications	10-2015-0078172	L. Desdois, S. Rowson, J. Shambin	6/22/2016
181	4	Foreign Pending Patents, Korea	Active Antenna	Modul Adaptive Antenna With Correlation Management for Diversity Applications	1020107003894	J. Shambin, S. Rowson, L. Desdois	7/22/2016
182	2	Foreign Pending Patents, China	Antenna	Multi-Frequency Magnetic Dipole Antenna Structures and Methods of Resizing the Volume of an Antenna	1020107003894	J. Shambin, S. Rowson, L. Desdois	7/22/2016
183	3	Foreign Pending Patents, China	Antenna	Antenna Configured for Low Frequency Applications	2008600119992	L. Desdois, S. Rowson, J. Shambin	12/17/2015
184	5	Foreign Pending Patents, EP	Antenna	Multi-Frequency Magnetic Dipole Antenna Structures and Methods of Resizing the Volume of an Antenna	5/126231.9	L. Desdois, S. Rowson, J. Shambin	12/17/2015
185	6	Foreign Pending Patents, EP	Antenna	Antenna With Reduced Space And Improved Performance	3808509.8	L. Desdois, S. Rowson, J. Shambin	12/17/2015
186	7	Foreign Pending Patents, EP	Antenna	Antenna with Volume of Material	8707723.7	L. Desdois, S. Rowson, J. Shambin	12/17/2015
187	8	Foreign Pending Patents, PCT	Active Antenna	Antenna With Correlation Management for Diversity Applications	8827877.9	L. Desdois, S. Rowson, J. Shambin	12/17/2015
188	9	Foreign Pending Patents, PCT	Active Antenna	Modul Adaptive Antenna With Correlation Management for Diversity Applications	PCT/US13/20807	L. Desdois, S. Rowson, J. Shambin	3/18/2014
189	10	Foreign Pending Patents, PCT	Active Antenna	ANTENNA SYSTEM FOR INTERFERENCE SUPPRESSION	PCT/US14/03161	L. Desdois, S. Rowson, J. Shambin	1/8/2015
190	11	Foreign Pending Patents, PCT	Active Antenna	Reconfigurable multi-mode active antenna system	WO 2015/142883 A1	O. Pajana, M. Rhee, M. Zahr, S. Rowson, L. Desdois	9/24/2015
191	12	Foreign Pending Patents, PCT	System	Method for finding Signal's direction using model antenna	WO 2015/142883 A1	L. Desdois, J. Shambin	9/24/2015
192	13	Foreign Pending Patents, PCT	System	Modul Adaptive Antenna Based Communication Network and Methods for Optimization Thereof	WO 2015/142883 A1	L. Desdois, J. Shambin	9/24/2015

EXHIBIT C

Trademarks

Trademark Name	Registration Number	Class	Goods/Services	Registration Number	Reg. No. / Reg. Date	Reg. No. / Reg. Date	Reg. No. / Reg. Date	Reg. No. / Reg. Date	Reg. No. / Reg. Date	Reg. No. / Reg. Date
ETHERTRONICS	Canada	Registered	09 int. mobile wireless systems, namely antennas for mobile wireless devices	68786	1112760	08/14/2001	647003	08/31/2005	08/31/2020	First Renewal
ETHERTRONICS	United States of America	Registered	09 int. antenna, RF systems comprised of integrated circuits, antennae, operating systems software and operating systems protocol software and component parts thereof, for wireless devices; integrated circuits and software for signal processing in wireless devices; software for testing performance of wireless devices; small cell antennas and distributed antenna systems (DAS), namely, a network of spatially separated antenna node hardware connected to a common source and component parts thereof	226304	86-071461	09/23/2013	467691	01/13/2015	01/13/2021	6-Year Declaration of Use
ETHERTRONICS	Singapore	Registered	09 int. mobile wireless systems	68793	T01-13117J		T01-13117J		02/22/2021	Next Renewal
ETHERTRONICS	European Union	Registered	09 int. mobile wireless systems	68788	08/21/2001	00238713	02/22/2001	00238713	08/13/2021	Next Renewal
ETHERTRONICS	Mexico	Registered	09 int. mobile wireless systems	68791	501904	08/13/2001	03/19/2003	08/16/2021		Next Renewal
ETHERTRONICS	Japan	Registered	09 int. mobile wireless communication apparatus, and other electrical communication machines and apparatus, applied electronic machines and apparatus and accessories thereof	68789	08/16/2001	2001-75950	05/10/2002	04/26/2022		Next Renewal
ETHERTRONICS	China	Registered	09 int. mobile wireless systems	68787	2001152189	08/22/2001	4563465	04/26/2002	11/27/2022	Next Renewal
ETHERTRONICS	Taiwan	Registered	09 int. mobile wireless systems	68794	08/20/2001	90033694	2017095	11/28/2002	02/15/2023	Next Renewal
ETHERTRONICS	South Korea	Registered	09 int. antennas for mobile wireless devices	68790	08/14/2001	1032996	02/16/2003	05/16/2023		Next Renewal
ETHERTRONICS	United States of America	Registered	09 int. mobile wireless systems comprised of mobile wireless telephones	67729	40-2001-36603	08/21/2001	548186	05/16/2003	09/23/2023	Next Renewal
ETHERTRONICS	South Korea	Registered	09 int. antenna, RF systems comprised of integrated circuits, antennae, operating systems software and operating systems protocol software and component parts thereof, for wireless devices; integrated circuits and software for signal processing in wireless devices; software for testing performance of wireless devices; small cell antennas and distributed antenna systems(DAS), namely, a network of spatially separated antenna node hardware connected to a common source and component parts thereof	225277	78-049798	02/22/2001	2768087	09/23/2003	05/15/2024	First Renewal
ACTIVE STEERING	United States of America	Filed	09 int. antenna, RF systems comprised of integrated circuits, antenna, operating systems software and operating systems protocol software and component parts thereof, for wireless devices; integrated circuits and software for signal processing in wireless devices	244127	86-800161	10/27/2015	548186	05/15/2014		

PATENT