PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4109173

| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| 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 |
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PATENT REEL: 040464 FRAME: 0245

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| Property Type | Number |
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| 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 |
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| 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 |
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| 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 |
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| 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

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Address Line 2: 4401 EASTGATE MALL

Address Line 4: SAN DIEGO, CALIFORNIA 92121

| ATTORNEY DOCKET NUMBER: 136453-190 ETHERTRONICS | |
|---|------------------------|
| NAME OF SUBMITTER: JENNIFER FITZPATRICK | |
| SIGNATURE: | /JENNIFER FITZPATRICK/ |

| DATE SIGNED: | 10/21/2016 | |
|---|------------|--|
| Total Attachments: 9 | | |
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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.

1.

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:

ETHERTRONICS, INC. Address of Grantor: 5501 Oberlin Drive, Suite 100 Name: //////// San Diego, CA 92121 Attn: Rid Johnson HOLDER: NH EXPANSION CREDIT FUND HOLDINGS LP Address of Holder: 1585 Broadway, 37th Floor By: MS Expansion Credit GP L.P., its general partner New York, NY 10036 By: MS Expansion Credit GP Inc., its general partner Attn: Debra Abramovitz Ву:___ Name: William Reiland Title: Managing Director

137142219

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, 37 th Floor New York, NY 10036 | By: MS Expansion Credit GP L.P., its general partner By: MS Expansion Credit GP Inc., its general partner |
| Attn: Debra Abramovitz | B. Name: William Reiland Title: Managing Director |

EXHIBIT A

Copyrights

None.

137142219 v1

EXHIBIT B

Patents

See attached

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| A. Shambin, L. Desclos S. Rowson, A. Singh, J. Shambin, L. Desclos L. Desclos, S. Flowson A. Dupy, L. Desclos O. Pajona, S. Rowson, L. Desclos O. Pajona, L. Desclos O. Pajona, L. Desclos O. Roboth, F. Sanchos O. Roboth, F. Sanchos L. Desclos H. Desclos O. Pajona, L. Desclos | L Descos, S. Rowsen, J. Shamblin A. Dupuy, L. Descos S. Rowsen, L. Besch, S. Shamblin L. Descos, J. Shamblin, S. Forwsen L. Shamblin, S. Forwsen, L. Descos A. Singh, B. Malsumori, L. Descos, S. Rowsen L. Descos, J. Shamblin, S. Forwsen, L. Descos L. Shamblin, S. Rowsen, L. Shamblin, B. Malsumori L. Descos, J. Shamblin, S. G. Jeerng, SW OnoicH Seot, WS Lee L. Descos, J. Shamblin, S. Rowsen, A. Adapuy L. Shamblin, S. Forwsen, L. Descos L. Descos, S. Forwsen, L. Descos L. Descos, A. Dupuy Descos, S. Rowsen, L. Descos J. Shamblin, S. Rowsen, L. Descos J. Shamblin, S. Rowsen, L. Bescos J. Shamblin, S. Rowsen, L. Bescos, J. Shamblin J. Sewnijk, J. Rowsen, J. Shamblin | Sobstain Howson, Lavent Descots, Jet Submition A. Friman, I., Descots, X. Su A. Friman, I., Descots, X. Su A ameng Su, Ting Ting Dong, Sebastian Rowson, Lavent Desclots, Jeff Shamblin J. Shamblin, I., Desclots, S. Rowson B. Malaureni, A. Shamblin, I., Desclots L. Desclots, B. Malaureni, S. Rowson, J. Shamblin L. Desclots, S. Rowson, J. Shamblin L. Desclots, S. Rowson, J. Shamblin L. Desclots, S. Rowson, J. Shamblin, Y., Oha L. Desclots, S. Rowson, J. Shamblin, Y. Oha L. Desclots, S. Rowson, J. Shamblin J. Shamblin, L. Desclots, S. Rowson, J. Shamblin L. Ossotos, J. Shamblin, R. Rowson L. Desclots, J. Shamblin, S. Rowson L. Desclots, J. Shamblin, S. Rowson L. Desclots, S. Rowson, J. Shamblin L. Desclots, S. Rowson, J. Shamblin, S. Baresii L. Desclots, S. Rowson, J. Shamblin, S. Baresii | V, Pathik, G, Prolianna, L, Dissclos, S, Rowson L, Dissclos, G, Polianna, S, Flowson L, Dissclos, G, Polianna, S, Flowson L, Dissclos, C, Polianna, S, Polianna, S, Rowson L, Dissclos, C, Polianna, J, Shamblin, S, Rowson L, Dissclos, C, Polianna, J, Shamblin, S, Rowson, J, Siarablin, L, Casalos, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, L, Shamblin, L, Shamblin, L, Dissclos, S, Rowson, L, Shamblin, L, Shamblin, L, Shamblin, L, Lawer B, Dissclos, L, MF Shamblin, S, Rowson, L, Shamblin, L, Shamblin, L, Shamblin, L, Shamblin, S, Rowson, L, Shamblin, S, Rowson, L, Shamblin, S, Rowson, L, Shamblin, L, Shamblin, L, Dissclos, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Dissclos, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Colondon, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, L, Colondon, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, K, Okyan, C, Han, R, Jones, S, Rowson, L, Shamblin, S, Rowson, L, Shamblin, S, Rowson, C, Han, R, Jones, S, Rowson, L, Shamblin, S, Rowson, C, Han, R, Jones, Lawert Dissclos, John Shamblin, S, Rowson, C, Han, R, Jones, Lawert Dissclos, John Shamblin, K, Okyan, C, Han, R, Jones, S, Rowson, L, Shamblin, S, Rowson, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, S, Rowson, L, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Korian, C, Han, R, Jones, Lawert Dissclos, John Shamblin, Solonian, R, Kor | Inventors G. Pollatent, L. Descicios, S. Fravezin G. Pollatent, L. Descicios, S. Fravezin G. Pollatent, L. Descicios, S. Fravezin L. Descicios, S. Pollatene, S. Fravezin L. Descicios, G. Pollatene, S. Fravezin L. Descicios, S. Fravezin L. Descicios, S. Fravezin G. Pollatene, L. Descicios, S. Fravezin |
| 10/13/2016 8/23/2016 8/23/2016 8/16/2016 8/16/2016 11/5/2016 11/19/2016 5/17/2016 5/17/2016 4/28/2016 4/28/2016 | 4/21/2015 2/3/2014 4/7/2015 2/2/2014 4/7/2015 2/4/2015 1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2015 5/1/2/2/2015 5/1/2/2/2015 5/1/2/2/2/2015 5/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/ | 178/2013 4/18/2013 1/18/2013 1/18/2013 1/18/2013 1/18/2013 1/20/2013 1/20/2013 1/20/2013 1/20/2014 1/20/2014 1/18/2014 1/18/2014 1/18/2014 1/18/2015 | 81/2006 101/2006 101/2007 34/2007 34/2009 555/2009 7/8/2009 7/8/2009 7/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 11/8/2009 | Insure or file Date I 1127/2001 I 124/2002 I 124/2002 I 24/42002 I 24/42002 I 14/2003 |
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| WO 2015/143094 A | WO 2015/142883 A | PCT/US14/31151 | PCT/US13/20907 | | 8827677.9 | 8797723.7 | 3808509.8 | 0) 20200.8 | 266611009002 | 2000000140000 | 1000001010000 | 1000107002604 | 1020150056801 | 1020157015334 | 10-2015-0078172 | 1-2010-043752-1 | | 14/109,789 | 14/781,889 | 1'4/885,981 | 14/953,175 | 15/261,840 | 15/263,270 | 15/242,514 | 15/182,412 | 62/324,840 | 62/324,221 | 62/326,592 | 14/965,881 |
| WO 2015/143094 A1 L. Desclos, J. Shamblin | WO 2015/142883 A1 O. Pajona, M. Roe, M. Zaini, S. Rowson, L. Desdos | | | | | | | | | | | | J. Shamblin, S. Rowson, L. Desclos | L. Desclos, B. Matsumori, S. Rowson, J. Shamblin | S.W. Choi, H. Y. Hong, T.W. Kim, C.H. Ryu, Y.S. Kim, S.J. Kim | S. W. Choi | | L. Desclos, S. Rowson, J. Shamblin | L. Desclos, C. Yoon | Chew Chwee Heng, L. Desclos, S. Rowson, J. Shamblin | A. Dupuy, L. Desclos | L. Desclos, S. Rowson, J. Shamblin | S. Rowson, L. Desclos, J. Shamblin | A. Singh, S. Rowson, L. Desclos, J. Shamblin | L Desclos | L. Desclos, J. Shamblin | L. Desclos | L. Desclos, V. Manian, J. Shamblin | Sebastian Rowson, Laurent Desclos, Jeff Shamblin |
| 9/24/2015 | 9/24/2015 | 1/9/2013 | 3/19/2014 | | | | | | | | | | 7/22/2015 | 6/2/2015 | 6/2/2015 | pending | | 12/17/2013 | 3/19/2014 | 10/16/2015 | 3/17/2016 | 9/9/2016 | 9/12/2016 | 8/20/2016 | 6/14/2016 | 4/21/2016 | 4/19/2016 | 4/22/2016 | 12/10/2015 |

EXHIBIT C

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