

04-28-2004



FORM PTO-1594  
(Rev 5-93)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102731481

To the Honorable Commissioner of Patents and Trademarks. Please return the enclosed original documents or copy thereof.

H/28/04

1. Name of conveying party(ies):

SUPERCONDUCTOR TECHNOLOGIES, INC.

Individual(s) citizenship:

Association:

General Partnership:

Limited Partnership:

Corporation - State: DELAWARE

Other:

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of Conveyance:

[ ] Assignment

[ ] Merger

[X] Security Agreement

[ ] Change of Name

[ ] Other

Execution Date: April 23, 2004

2. Name and address of receiving party(ies):

Name: AGILITY CAPITAL, LLC

Address: 226 E. CANON PERDIDO STREET, SUITE F

City: SANTA BARBARA State: CA Zip: 93101

Individual(s) citizenship:

Association:

General Partnership:

Limited Partnership:

Corporation - State:

Other: a California limited liability company

If assignee is not domiciled in the United States, a domestic representative designation is attached: [ ] Yes [ ] No

(Designations must be a separate document from assignment)

Additional name(s) & address(es) attached? [ ] Yes [x] No

4. Application number(s) or trademark number(s):

A. Trademark Application No.(s)

76/387,943

76/287,942

B. Trademark Registration No.(s)

2,774,793

2,750,951

2,627,186

2,438,071

2,342,605

2,186,136

1,992,285

Additional numbers attached? [ ] Yes [ x ] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Erin O'Brien

Internal Address:

GRAY CARY WARE & FREIDENRICH

4365 Executive Drive, Suite 1100

San Diego, California 92121-2133

6 Total number of applications and registrations involved: 9

7. Total fee (37 CFR 3.41) . . . . . \$240.00

[X] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Erin O'Brien

April 27, 2004

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: [9]

Mail Documents to be recorded with required cover sheet information to:  
U.S. Patent and Trademark Office, Office of Public Records  
1213 Jefferson Davis Highway, 3rd Floor  
Arlington, VA 22202

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02 FC:8522

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TRADEMARK  
REEL: 002956 FRAME: 0935

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of April 23, 2004 by and between AGILITY CAPITAL, LLC ("Lender") and SUPERCONDUCTOR TECHNOLOGIES, INC., a Delaware corporation ("Borrower").

RECITALS

Lender and Borrower are parties to that certain Loan Agreement <sup>dated as of 04/27/04</sup> ~~of even date~~ (as amended from time to time, the "Loan Agreement"). Capitalized terms used herein have the meaning assigned in the Loan Agreement. Pursuant to the terms of the Loan Agreement, Borrower has granted to Lender security interest in the Collateral.

NOW, THEREFORE, Borrower agrees as follows:

AGREEMENT

To secure performance of its obligations under the Loan Agreement, Borrower grants to Lender a security interest in all of Borrower's right, title and interest in Borrower's intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), 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). This security interest is granted in conjunction with the security interest granted to Lender under the Loan Agreement. Each right, power and remedy of Lender provided for herein shall not preclude the simultaneous or later exercise by Lender of any or all other rights, powers or remedies.

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

Address of Borrower:

SUPERCONDUCTOR TECHNOLOGIES, INC.

460 Ward Drive, Suite F  
Santa Barbara, CA 93111

By: Martina M. Belmont

Attn:

Title: SVP / CFO

Address of Lender:

AGILITY CAPITAL, LLC

226 E. Canon Perdido Street, Suite F  
Santa Barbara, CA 93101

By: D. D. S.

Title: Chief Credit Officer

EXHIBIT A

Copyrights

Title

Registration Number

Date of Registration

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2101819-900000

EXHIBIT B

## Patents

| <u>Title</u>  | <u>Serial /Patent Number</u> | <u>Application/Issue Date</u> |
|---|------------------------------|-------------------------------|
| Dual-mode bandpass filter with direct capacitive couplings and far-field suppression structures           | 6,700,459                    | 03/02/04                      |
| Stirling cycle cryocooler with improved magnet ring assembly and gas bearings                             | 6,694,730                    | 02/24/04                      |
| Synthetic felt regenerator material for stirling cycle cryocoolers  | 6,688,113                    | 02/10/04                      |
| Tunable superconducting resonator and methods of tuning thereof   | 10/393,089                   | 03/19/03                      |
| Filter network combining non-superconducting and superconducting filters                                  | 6,686,811                    | 02/03/04                      |
| RF receiver switches  | 10/190,328                   | 07/05/02                      |
| High temperature superconductor tunable filter  | 10/355,461                   | 01/31/03                      |
| High temperature superconducting tunable filter with an adjustable capacitance gap                        | 6,662,029                    | 12/09/03                      |
| Narrow-band filters with zig-zag hairpin resonator  | 10/391,667                   | 03/18/03                      |
| Dual-mode bandpass filter with direct capacitive couplings and far-field suppression structures           | 10/159,974                   | 05/29/02                      |
| Evacuation port and closure for dewars  | 10/421,559                   | 10/23/03                      |
| Filter with improved intermodulation distortion characteristics and methods of making the improved filter | 6,633,208                    | 10/14/03                      |
| Electrostatic actuators with intrinsic stress gradient  | 6,625,004                    | 09/23/03                      |
| Stiction alleviation using passivation layer patterning   | 10/072,656                   | 02/07/02                      |

PA110355033.1  
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| <u>Title</u>   | <u>Serial/Patent Number</u> | <u>Application/Issue Date</u> |
|--|-----------------------------|-------------------------------|
| Cable tray and ladder mounting for cellular base station receive and transmit link enhancement   | 10/041,217                  | 01/07/02                      |
| Push on connector for cryocable and mating weldable hermetic feedthrough   | 6,590,471                   | 07/08/03                      |
| High temperature superconducting tunable filter  | 10/023,575                  | 12/17/01                      |
| Evacuation port and closure for dewars   | 6,568,194                   | 05/27/03                      |
| Filter network combining non-superconducting and superconducting filters   | 09/818,100                  | 03/26/01                      |
| High temperature superconducting structures and methods for high q, reduced intermodulation structures                                       | 10/167,938                  | 06/10/02                      |
| Superconducting control elements for rf antennas   | 6,538,445                   | 03/25/03                      |
| High temperature superconductor tunable filter   | 6,516,208                   | 02/04/03                      |
| Cryocooler for HTSC filter systems   | 6,499,304                   | 12/31/02                      |
| Filter with improved intermodulation distortion characteristics and methods of making the improved filter                                    | 09/886,768                  | 06/19/01                      |
| Method and apparatus for combined receive and transmit subsystems in cellular communication systems  | 10/102,612                  | 03/19/02                      |
| Apparatus and methods for improved tower mountable systems for cellular communications   | 10/102,611                  | 03/19/02                      |
| Superconducting control elements for rf antennas   | 09/970,842                  | 10/03/01                      |
| Digital signal process control of stirling cycle cryogenic cooler drive and high temperature superconducting filter temperature control loop | 6,446,444                   | 09/10/02                      |

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| <u>Title</u>  | <u>Serial /Patent Number</u>      | <u>Application/Issue Date</u> |
|---|-----------------------------------|-------------------------------|
| Cryocooler motor with split return iron   | 6,427,450                         | 08/06/02                      |
| Spiral snake high temperature superconducting resonator for high q, reduced intermodulation                         | 6,424,846                         | 07/23/02                      |
| Cryocooler for HTSC filter systems  | 10/013,238                        | 11/06/01                      |
| High temperature superconductor tunable filter  | 6,347,237                         | 02/12/02                      |
| Superconducting control elements for rf antennas  | 6,335,622                         |                               |
| Stirling cycle cryocooler with optimized cold end design  | 6,327,862                         | 12/11/01                      |
| Tower mountable cryocooler and HTSC filter system   | 6,311,498                         | 11/06/01                      |
| Temperature control of high temperature superconducting thin film filter subsystems                                 | 6,256,999                         | 07/10/01                      |
| Push on connector for cryocable and mating weldable hermetic feedthrough  | 6,154,103                         | 11/28/00                      |
| Cryocooler motor with split return iron   | 6,141,971                         | 11/07/00                      |
| Microwave hairpin-comb filters for narrow-band applications   | 6,130,189                         | 10/10/00                      |
| Tower mountable cryocooler and HTSC filter system   | 6,112,526                         | 09/05/00                      |
| Temperature control of high temperature superconducting thin film filter subsystems                                 | 6,098,409                         | 08/08/00                      |
| A-axis high temperature superconducting films with preferential in-plane alignment                                  | 6,083,884                         | 07/04/00                      |
| High temperature superconducting structures and methods for high q, reduced intermodulation resonators and filters, | 6,026,311                         | 02/15/00                      |
| Apparatus for growing metal oxides using organometallic vapor phase epitaxy   | RE36295<br>(reissue of 5,458,086) | 09/14/99                      |

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2101819-900000

| <u>Title</u>   | <u>Serial /Patent Number</u> | <u>Application/Issue Date</u> |
|--|------------------------------|-------------------------------|
| Thin film superconductor-insulator-superconductor multi-layer films and method for obtaining the same, | 5,906,965                    | 05/25/99                      |
| Tunable microwave hairpin-comb superconductive filters for narrow-band applications                    | 5,888,942                    | 03/30/99                      |
| Temperature controlling cryogenic package system   | 5,857,342                    | 01/12/99                      |
| Transition and interconnect structure for a cryocable  | 5,856,768                    | 01/05/99                      |
| Temperature controlling cryogenic package system   | 5,818,097                    | 10/06/98                      |
| High temperature superconductor lumped elements and circuit therefrom                                  | 5,618,777                    | 04/08/97                      |
| High temperature superconductor lumped element band-reject filters                                     | 5,616,539                    | 04/01/97                      |
| High temperature superconductor staggered resonator array bandpass filter                              | 5,616,538                    | 04/01/97                      |
| Epitaxial thallium high temperature superconducting films formed via a nucleation layer                | 5,508,255                    | 04/16/96                      |
| Reactor vessel for manufacture of superconducting films  | 5,476,836                    | 12/19/95                      |
| Apparatus for growing metal oxides using organometallic vapor phase epitaxy                            | 5,458,086                    | 10/17/95                      |
| Cryogenic cooling system   | 5,417,073                    | 05/23/95                      |
| Epitaxial thin superconducting thallium-based copper oxide layers                                      | 5,358,926                    | 10/25/94                      |
| Superconducting devices having a variable conductivity device for introducing energy loss              | 5,328,893                    | 07/12/94                      |
| In situ growth of TL-containing oxide superconducting films  | 5,322,817                    | 06/21/94                      |

PA110355033.1  
2101819-900000

| <u>Title</u>   | <u>Serial /Patent Number</u> | <u>Application/Issue Date</u> |
|--|------------------------------|-------------------------------|
| Reactor vessel for manufacture of superconducting films  | 5,306,699                    | 04/26/94                      |
| Method for producing crystallographic boundary junctions in oxide superconducting thin films           | 5,196,395                    | 03/23/93                      |
| Controlled thallous oxide evaporation for thallium superconductor films and reactor design             | 5,139,998                    | 08/18/92                      |
| Metalorganic deposition method for forming epitaxial thallium-based cooper oxide superconducting films | 5,071,830                    | 12/10/91                      |

PA10355033.1  
2101819-900000



EXHIBIT C

## Trademarks

| <u>Description</u>                | <u>Registration / Serial<br/>Number</u> | <u>Registration /<br/>Application Date</u> |
|-----------------------------------|---|--|
| Improving the Quality of Wireless | 2,774,793                               | 10/21/03                                   |
| HTS-Ready                         | 76/287,943                              | 07/19/01                                   |
| Superplex                         | 76/287,942                              | 07/19/01                                   |
| Superlink                         | 2,750,951                               | 08/12/03                                   |
| Zerome Hercules                   | 2,627,186                               | 10/01/02                                   |
| Zerome                            | 2,438,071                               | 03/27/01                                   |
| NST                               | 2,342,605                               | 04/18/00                                   |
| Superfilter                       | 2,186,136                               | 09/01/98                                   |
| Superconductor Technologies       | 1,992,285                               | 08/13/96                                   |

PA110355033.1  
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