Authorized to be charged to deposit account

Street Address: 3003 TASMAN DRIVE

City: SANTA CLARA State: CA ZIP: 95054 8. Payment Information: 83/12/2008 MJAMA1 000000007 76486168

Phone Number: (408)654-4044 a. Credit Card Last And Phone Superior Last And Ph

Fax Number: (408)654-6313 b. Deposit Account Number

Email Address: AMDC@SVB.COM

Authorized User Name

Kelly Green

Name of Person Signing

9. Signature. March 5, 2008
Signature Date

Total number of pages including cover sheet, attachments, and document:

TRADEMARK REEL: 003739 FRAME: 0238

40.00 OP 50.00 OP Documents to be recorded (including cover sneet) should be taxed to (5/1) 2/3-0140, or mailed to:Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

RELEASE OF SECURITY AGREEMENT COVERING INTERESTS IN TRADEMARKS

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of **Plextronics**, **Inc.** ("Assignor") in the trademarked works set forth in that certain **Intellectual Property And Security Agreement** dated, <u>05/10/2007</u>, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on <u>05/25/2007</u>, Reel <u>3549</u>, Frame <u>0914</u>.

Dated: March 5, 2008

SILICON VALLEY BANK

Name:

Margaret Fujii

Title: Operations Department Manager

h:\docs\ipagrmts\3release

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of May 10, 2007 by and between SILICON VALLEY BANK ("Bank") and PLEXTRONICS, INC. ("Grantor").

RECITALS

- A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated May 10, 2007 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.
- B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank 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 Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank 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 Schedules 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 Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan 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 Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

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| Address of Grantor: | PLEXTRONICS, INC. |
|--|---------------------|
| 2180 William Pitt Way Pittsburgh, Pennsylvania 15238 Attn: Sean Rollman, Chief Financial Officer | By: CFO Title: CFO |
| | BANK: |
| Address of Bank: | SILICON VALLEY BANK |
| 3003 Tasman Drive Santa Clara, CA 95054-1191 | By: |

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:

executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

PLEXTRONICS, INC.

By: CFD

Attn: Sean Rollman, Chief Financial Officer

BANK:

Address of Bank:

SILICON VALLEY BANK

By: Manual Manua

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly

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Santa Clara, CA 95054-1191

SCHEDULE A

Copyrights

Description

Registration/ Application

Registration/ Application <u>Date</u>

Number

None

N/A

N/A

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SCHEDULE B

Patents

| Description | Country | Registration/ Application Number | Registration/ Application <u>Date</u> |
|--|---------|--|---|
| Heteroatomic regioregular poly(3-substitutedthiophenes) for photovoltaic cells | U.S. | 11/234,373 | 09/26/2005 |
| Heteroatomic regioregular poly (3-substitutedthiophenes) in electroluminescent devices | U.S. | 11/234,374 | 09/26/2005 |
| Heteroatomic regioregular poly(3-substitutedthiophenes) as thin film conductors in diodes which are not light emitting or photovoltaic | U.S. | 11/274,918 | 11/16/2005 |
| Hole injection/transport layer compositions and devices | U.S. | 11/350,271 | 02/09/2006 |
| Copolymers of soluble poly(thiophenes) with improved electronic performance | U.S. | 11/376,550 | 03/16/2006 |
| Latent Doping of Conducting Polymers | U.S. | 11/496,024 | 07/31/2006 |
| Electrostatic Coatings and Articles Comprising Polythiophenes | U.S. | PCT/US2007/00 1245 | 01/18/2007 |
| High Performance Polymer Photovoltaics | U.S. | PCT/US2007/00 4591 | 02/23/2007 |
| Organic Photovoltaic Devices Comprising Fullerenes and Derivatives Thereof | U.S. | 60/812,961 | 06/13/2006 |
| Field Effect Transistor Methods and Devices | U.S. | 60/850,267 | 10/10/2006 |
| Quantum DOT Photovoltaic Device | U.S. | 60/880,004 | 01/12/2007 |
| Solar Farms Having Ultra-Low Cost OPV Modules | U.S. | 60/484,363 | 10/02/2006 |
| Sulfonation of Conducting Polymers and OLED and Photovoltaic Devices | U.S. | 60/832,095 | 07/21/2006 |
| Sulfonation of Conducting Polymers and OLED, Photovoltaic and ESD Devices | U.S. | 60/845,172 | 09/18/2006 |
| Copolymers of Soluble Poly(Thiophenes) with Improved Electronic Performance | PCT | PCT/US2006/00 9458 | 03/16/2006 |
| Hole Injection/Transport Layer Compositions and Devices | PCT | PCT/US2006/00 4446 | 02/09/2006 |
| Solvent Suppressed Doping of Regioregular Polythiophene | PCT | PCT/US2006/02 9552 | 07/31/2006 |
| Heteroatomic Regioregular Poly (3-substituedthiophenes) for Electroluminescent Devices | ЕРО | Base PCT/US2005/03 4042 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Photovoltaic Cells | ЕРО | Base PCT/US2005/03 4043 | 09/26/2005 |

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| Electrostatic Coatings and Articles Comprising Polythiophenes | Taiwan | 096102112 | 01/19/2007 |
|---|-----------|-------------------------------|------------|
| Hole Injection/Transport Layer Compositions and Devices | Taiwan | 095104614 | 02/10/2006 |
| Latent Doping of Conducting Polymers | Taiwan | 095128153 | 08/01/2006 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Photovoltaic Cells | Japan | Base PCT/US2005/03 4043 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Electroluminescent Devices | Japan | Base PCT/US2005/03 4042 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthipohenes) for Photovoltaic Cells | S Korea | Base PCT/US2005/03 4043 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Electroluminescent Devices | S Korea | Base PCT/US2005/03 042 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Photovoltaic Cells | China | Base PCT/US2005/03 4043 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Electroluminescent Devices | China | Base PCT/US2005/03 4042 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Photovoltaic Cells | Singapore | Base PCT/US2005/03 4043 | 09/26/2005 |
| Heteroatomic Regioregular Poly (3-substitutedthiophenes) for Electroluminescent Devices | Singapore | Base PCT/US2005/03 4042 | 09/26/2005 |
| Hole Injection/Transport Layer Compositions and Devices | Malaysia | PI20060573 | 02/10/2006 |
| Latent Doping of Conducting Polymers | Malaysia | PI20063684 | 07/31/2006 |

SCHEDULE C

Trademarks

| Description | Registration/ Application <u>Number</u> | Registration/ Application <u>Date</u> |
|--|---|---|
| PLEXCORE (Registered) | 3004841 | 10/04/2005 |
| PLEXTRONICS (Registered) | 2902063 | 11/09/2004 |
| PLEXTRON MATERIAL (Pending- suspended) | 76/486168 | 01/30/2003 |

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RECORDED: 03/11/2008