TRADEMARK ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Pliant Technology, Inc.		03/31/2011	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	Silicon Valley Bank
Street Address:	2400 Hanover Street
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94304
Entity Type:	CORPORATION: CALIFORNIA

PROPERTY NUMBERS Total: 3

Property Type	Number	Word Mark
Registration Number:	3915489	PLIANT
Registration Number:	3768640	LIGHTNING
Registration Number:	3764589	PLIANT

CORRESPONDENCE DATA

Fax Number: (404)962-6884
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 404-885-3943
Email: dean.shahriari@troutmansanders.com
Correspondent Name: Dean Y. Shahriari, Ph.D.
Address Line 1:   Troutman Sanders LLP
Address Line 2:   600 Peachtree Street, NE -- Suite 5200
Address Line 4:   Atlanta, GEORGIA   30308-2216

ATTORNEY DOCKET NUMBER:	220763.001175
NAME OF SUBMITTER:	Dean Y. Shahriari, Ph.D.

Signature:	/Dean Y. Shahriari 56783/
Date:	03/31/2011

Total Attachments: 11
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of March 31, 2011 by and between **SILICON VALLEY BANK**, a California corporation ("**Bank**") and **PLIANT TECHNOLOGY, INC.**, a Delaware corporation ("**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 August 6, 2010 and that certain Loan and Security Agreement by and between Bank and Grantor dated November 22, 2010 (collectively, 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, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B.   Pursuant to the terms of that certain First Amendment to Loan and Security Agreement between Bank and Grantor of even date herewith and that certain Second Amendment to Loan and Security Agreement between Bank and Grantor of even date herewith (collectively, the "**Amendment**"), 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 (all of which shall collectively be called the "**Intellectual Property Collateral**"), including, without limitation, the following:

(a)   Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "**Copyrights**");

(b)   Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "**Patents**");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "**Trademarks**");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "**Mask Works**");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding anything to the contrary, "Intellectual Property Collateral" shall not include any "intent-to-use" trademark at any time prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement and the Amendment. 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

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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.

[Signature Page Follows.]

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.

Address of Grantor:

630 Alder Drive, Suite 202
Milpitas, California 95035

Attn: Bill Dobbin, CFO

GRANTOR:

PLIANT TECHNOLOGY, INC.

By: _____
Name: W.J. DOBBIN
Title: CFo

Address of Bank:

2400 Hanover Street
Palo Alto, California 94304

Attn: Matthew Wright

BANK:

SILICON VALLEY BANK

By: _____
Name:
Title:

[Signature Page to Intellectual Property Security Agreement – SVB]

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Address of Grantor:

630 Alder Drive, Suite 202
Milpitas, California 95035

Attn: Bill Dobbin, CFO

GRANTOR:

PLIANT TECHNOLOGY, INC.

By:_____
   Name:
   Title:

Address of Bank:

2400 Hanover Street
Palo Alto, California 94304

Attn: Matthew Wright

BANK:

SILICON VALLEY BANK

By:_____
   Name: Matthew Wright
   Title: RM

EXHIBIT A

Copyrights

Description	Registration/ Application Number	Registration/ Application Date	Security Interest/ Ownership Issues
NONE	N/A	N/A	N/A

Patents

Title	Patent/Patent Application Number (Publication Number)	Issue/Filing Date	Owner/ Assignee	Security Interest/ Ownership Issues
PATROL FUNCTION USED IN FLASH STORAGE CONTROLLER TO DETECT DATA ERRORS	12/082,204 (2009/0172499)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
STORAGE CONTROLLER FOR FLASH MEMORY INCLUDING A CROSSBAR SWITCH CONNECTING A PLURALITY OF PROCESSORS WITH A PLURALITY OF INTERNAL MEMORIES	12/082,207 (2009/0172308)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
FLASH STORAGE CONTROLLER EXECUTE LOOP	12/082,223 (2009/0172263)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
METADATA REBUILD IN A FLASH MEMORY CONTROLLER FOLLOWING A LOSS OF POWER	12/082,222 (2009/0172262)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
MULTIPROCESSOR STORAGE CONTROLLER	12/082,221 (2009/0172261)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
FLASH MEMORY CONTROLLER AND SYSTEM INCLUDING DATA PIPELINES INCORPORATING MULTIPLE BUFFERS	12/082,220 (2009/0172260)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
MASS STORAGE CONTROLLER VOLATILE MEMORY CONTAINING METADATA RELATED TO	12/082,206 (2009/0172259)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A

FLASH MEMORY STORAGE				
FLASH MEMORY CONTROLLER GARBAGE COLLECTION OPERATIONS PERFORMED INDEPENDENTLY IN MULTIPLE FLASH MEMORY GROUPS	12/082,203 (2009/0172258)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
SYSTEM AND METHOD FOR PERFORMING HOST INITIATED MASS STORAGE COMMANDS USING A HIERARCHY OF DATA STRUCTURES	12/082,202 (2009/0172257)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
FLASH MEMORY CONTROLLER HAVING REDUCED PINOUT	12/082,205 (2009/0168525)	4/8/2008 (7/2/2009)	Pliant Technology, Inc.	N/A
FLASH MEMORY CONTROLLER GARBAGE COLLECTION OPERATIONS PERFORMED INDEPENDENTLY IN MULTIPLE FLASH MEMORY GROUPS	PCT/US2008/088 236 (WO 2009/086424)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
METADATA REBUILD IN A FLASH MEMORY CONTROLLER FOLLOWING A LOSS OF POWER	PCT/US2008/088 232 (WO 2009/086421)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
FLASH STORAGE CONTROLLER EXECUTE LOOP	PCT/US2008/088 229 (WO 2009/086419)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
PATROL FUNCTION USED IN FLASH STORAGE CONTROLLER TO DETECT DATA ERRORS	PCT/US2008/088 217 (WO 2009/086412)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
MASS STORAGE CONTROLLER VOLATILE MEMORY CONTAINING	PCT/US2008/088 206 (WO	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A

METADATA RELATED TO FLASH MEMORY STORAGE	2009/086404)			
FLASH MEMORY CONTROLLER AND SYSTEM INCLUDING DATA PIPELINES INCORPORATING MULTIPLE BUFFERS	PCT/US2008/088 164 (WO 2009/086376)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
STORAGE CONTROLLER FOR FLASH MEMORY INCLUDING A CROSSBAR SWITCH CONNECTING PROCESSORS WITH INTERNAL MEMORIES	PCT/US2008/088 154 (WO 2009/086371)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
MULTIPROCESSOR STORAGE CONTROLLER	PCT/US2008/088 146 (WO 2009/086365)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
FLASH MEMORY CONTROLLER HAVING REDUCED PINOUT	PCT/US2008/088 136 (WO 2009/086359)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A
SYSTEM AND METHOD FOR PERFORMING HOST INITIATED MASS STORAGE COMMANDS USING A HIERARCHY OF DATA STRUCTURES	PCT/US2008/088 133 (WO 2009/086357)	12/23/2008 (7/9/2009)	Pliant Technology, Inc.	N/A

<u>EXHIBIT C</u>

Trademarks

Description	Registration/ Application Number	Registration/ Application Date	Security Interest/ Ownership Issues
PLIANT (Registered)	3,915,489	2/8/2011	N/A
LIGHTNING (Registered)	3,768,640	3/30/2010	N/A
PLIANT (Registered)	3,764,589	3/23/2010	N/A

EXHIBIT D

Mask Works

Description	Registration/ Application Number	Registration/ Application Date
NONE	N/A	N/A