

03-04-2008

(Rev. 08/05)

Office OMB No. 0651-0027 (exp. 06/30/2008)



R SHEET

U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark

103486116

To the Director of the U.S. Patent

Trademark Office: Please record the attached documents or the new address (es) below.

1. Name of conveying party(ies):

SILICON VALLEY BANK

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

Name: Pavilion Technologies, Inc.

Internal Address:

Street Address: 10415 Morado Circle Building III Ste 100

City: Austin

State: TX

Country: USA Zip: 78759

Additional name(s) & address (es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party (ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date: February 20, 2008

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other: Release

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

5353207 5559690 5682317 5842189 6278899

5729661 5768475 5859773 6047221 6216048

5479573 5613041 5811308 5950182 6381504

5386373 5933345 5781432 6243696 6363289

5539638 5825646 6002839 6169980 6487459

B. Patent No.(s)

08380052

Additional numbers attached? ☒ Yes ☐ No

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

Name: Silicon Valley Bank

Internal Address: COLLATERAL HF154

Street Address: 3003 TASMAN DRIVE

City: SANTA CLARA

State: CA Zip: 95054

Phone Number: (408) 919-0310

Fax Number: (408) 654-6313

Email Address: svaldivia@svb.com

6. Total number of applications and patents involved: (see attached)

7. Total fee (37 CFR 1.21 (h) & 3.41) \$(see attached)

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number

Authorized User Name

9. Signature:

Signature

Susana Valdivia

Name of Person Signing

03/04/2008 NJAMA1 00000015 5353207

01 FC:0021 February 20, 2008 1120.00 op-
Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

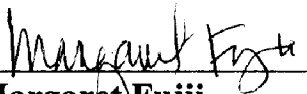
PATENT
 REEL: 020599 FRAME: 0644

**RELEASE OF SECURITY AGREEMENT COVERING
INTERESTS IN PATENTS**

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of **Pavilion Technologies, Inc.** ("Assignor") in the **patented** works set forth in that certain **Intellectual Property Security Agreement** dated July 23, 1999, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on November 16, 1999, Reel 010405, Frame(s) 0041.

Date: **February 20, 2008**

SILICON VALLEY BANK

By: 
Name: **Margaret Fujii**
Title: **Operations Department Manager**

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement dated July 23, 1999 is between SILICON VALLEY BANK ("Bank") whose address is 3003 Tasman Drive, Santa Clara, California 95054, and PAVILION TECHNOLOGIES, INC. ("Grantor").

RECITALS

A. Bank will make advances to Grantor ("Loans") as described in the Amended and Restated Loan and Security Agreement (the "Loan Agreement"), but only if Grantor grants Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works.

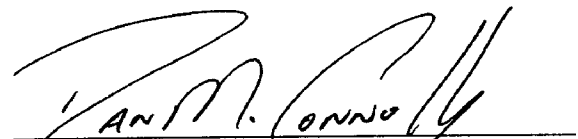
B. Grantor has granted Bank a security interest in all of its right, title and interest, presently existing or later acquired to all the Collateral.

AGREEMENT

Grantor grants Bank a security interest in all of its right, title and interest in its Intellectual Property Collateral (such as the Copyrights, Patents, Trademarks and Mask Works listed on Schedules A, B, C, and D), and all proceeds (such as license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements rights throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part.

This security interest is granted in conjunction with the security interest granted under the Loan Agreement. Bank=s rights and remedies in the security interest are in addition to those in the Loan Agreement and the other Loan Documents, and those available in law or equity. Bank=s rights powers and interests are cumulative with every right, power or remedy provided here. Bank=s exercise its rights, powers or remedies in this Agreement, the Loan Agreement or any other Loan Document, does not preclude the simultaneous or later exercise of any or all other right, power or remedy.

SILICON VALLEY BANK


(Signature)
VICE PRESIDENT
(Title)

GRANTOR:

PAVILION TECHNOLOGIES, INC.



(Signature)
CEO/COO
(Title)

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

NONE.

Exhibit B
PAVILION TECHNOLOGIES, INC.

Patent Report by Invention

Patents

Printed: 7/14/99

Page 1

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
<i>Next Action Due</i>							
RESIDUAL ACTIVATION NEURAL NETWORK							
CANADA	23414	CEQ	6/10/93	2,137,805			PENDING
	6/10/00	ANNUITY DUE					
GERMANY	23413-DE	DCA					PROPOSED
	6/10/00	ANNUITY DUE					
EUROPEAN PATENT CO	23413	CEQ	6/10/93	93914464.8	11/4/98	0645025	NAT PHASE
SPAIN	23413-ES	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
FRANCE	23413-FR	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
UNITED KINGDOM	23413-GB	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
ITALY	23413-IT	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
JAPAN	23415	CEQ	6/10/93	06-501743			PENDING
	6/10/00	REQUEST EXAMINATION					
NETHERLANDS	23413-NL	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
SWEDEN	23413-SE	DCA	6/10/93	93914464.8	11/4/98	0645025	PENDING
	6/10/00	ANNUITY DUE					
UNITED STATES	20964	NEW	6/10/92	07/896,755	10/4/94	5,353,207	ISSUED
	4/4/02	2ND MAINT FEE DUE					
UNITED STATES	22862	CON	9/16/94	08/307,521	9/24/96	5,559,690	ISSUED
	3/24/00	1ST MAINT FEE DUE					
UNITED STATES	23593	CON	9/23/95	08/717,719	1/12/99	5,559,773	ISSUED
	7/12/02	1ST MAINT FEE DUE					
UNITED STATES	24558	CON	1/12/99	09/228,962			PENDING
	7/16/99	FILE PRELIM. AMDNT.					

METHOD AND APPARATUS FOR OPERATING A NEURAL NETWORK AND/OR INCOMPLETE DATA

AUSTRALIA	23589	CEQ	11/19/93	65155/94	4/2/97	674227	ISSUED
	11/19/99	ANNUITY DUE					
CANADA	23637	CEQ	1/25/94	2,153,783			PENDING
	1/25/00	ANNUITY DUE					
CANADA	23635	CEQ	1/25/94	2,153,779			PENDING
	1/25/00	ANNUITY DUE					
CANADA	23598	CEQ	11/19/93	2,149,913			PENDING
	11/19/99	ANNUITY DUE					
EUROPEAN PATENT CO	23597	CEQ	11/19/93	94 903278.3			PENDING
	7/22/99	STATUS CHECK					

Exhibit B

Patents

Patent Report by Invention

Printed: 7/14/99

Page 2

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
<u>Next Action Due</u>							
<i>METHOD AND APPARATUS FOR OPERATING A NEURAL NETWORK AND/OR INCOMPLETE DATA continued . . .</i>							
EUROPEAN PATENT CO	23636	CEQ	1/25/94	94 909493.2			PENDING
	9/1/99	RESPONSE TO OA					
EUROPEAN PATENT CO	23634	CEQ	1/25/94	94 907888.5			PENDING
	7/22/99	APPROVAL TEXT					
JAPAN	23593	CEQ	11/19/93	06-513265			PENDING
	11/19/00	REQUEST EXAMINATION					
UNITED STATES	20965	NEW	9/20/95	08/531,100	3/18/97	5,613,041	ISSUED
	9/18/00	1ST MAINT FEE DUE					
UNITED STATES	21462	CIP	1/25/93	08/008,170	3/17/98	5,729,661	ISSUED
	9/17/01	1ST MAINT FEE DUE					
UNITED STATES	21557	CIP	1/25/93	08/008,218	12/26/95	5,479,573	ISSUED
	6/26/03	2ND MAINT FEE DUE					
UNITED STATES	23719	CON	8/21/97	08/915,850			PENDING
	8/5/99	ISSUE FEE RECEIPT					
UNITED STATES	23833	CON	10/1/96	08/724,377	10/6/98	5,819,006	ISSUED
	10/6/00	BROADENED REISSUE DL					
UNITED STATES	24153	CON	9/24/97	08/936,679	11/24/98	5,842,199	ISSUED
	11/24/00	BROADENED REISSUE DL					
UNITED STATES	24269	CIP	3/24/98	09/047,853			PENDING
	8/11/99	STATUS CHECK					
UNITED STATES	24476	CON	10/6/98	09/167,400			PENDING
	8/5/99	FILG RCPT STATUS CHK					
UNITED STATES	24542	CON	12/8/98	09/207,719			PENDING
	8/13/99	POST CARD CHECK					
UNITED STATES	24664	CON	6/11/99	09/330,326			PENDING
	9/11/99	INF DISCLOSURE STMT					

METHOD AND APPARATUS FOR ANALYZING A NEURAL NETWORK

CANADA	23644	CEQ	3/2/94	2,157,198			PENDING
	3/2/00	ANNUITY DUE					
CANADA	23688	CEQ	4/28/94	2,161,655			PENDING
	4/28/00	ANNUITY DUE					
EUROPEAN PATENT CO	23643	CEQ	7/11/95	94 910822.9			PENDING
	7/21/99	RESPONSE TO OA					
EUROPEAN PATENT CO	23687	CEQ	10/26/95	0696372			PENDING
	9/1/99	RESPONSE TO OA					
UNITED STATES	21571	NEW	12/4/96	08/759,539	7/14/98	5,781,432	ISSUED
	1/14/02	1ST MAINT FEE DUE					
UNITED STATES	21761	CON	6/3/96	08/656,702	10/20/98	5,825,646	ISSUED
	10/20/00	BROADENED REISSUE DL					
UNITED STATES	24489	CON	10/19/98	09/174,860			PENDING
	8/8/99	POST CARD CHECK					

Exhibit B
Patents

Patent Report by Invention

Printed: 7/14/99

Page 3

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
<u>Next Action Due</u>							
VIRTUAL CONTINUOUS EMISSION MONITORING SYSTEM WITH SENSOR VALIDATION							
AUSTRALIA	23715 7/27/00	CEQ ANNUITY DUE	7/27/94	74776/94	8/21/97	677694	ISSUED
AUSTRALIA	23739 7/27/00	CEQ ANNUITY DUE	7/27/94	688353	7/2/98	688353	ISSUED
BELGIUM	23732-BE	CEQ					ABANDONE
CANADA	23717 7/27/00	CEQ ANNUITY DUE	2/5/96	2,167,588			PENDING
CANADA	23733 7/27/00	CEQ ANNUITY DUE	7/27/94	2,167,927			PENDING
GERMANY	23732-DE 7/27/00	CEQ ANNUITY DUE					PROPOSED
EUROPEAN PATENT CO	23713 7/27/99	CEQ APPROVAL TEXT	7/27/94	94 924530.2			PENDING
EUROPEAN PATENT CO	23732	CEQ	7/24/94	94922772.2	4/28/99	0712463	NAT PHASE
SPAIN	23732-ES	CEQ					ABANDONE
FRANCE	23732-FR 7/27/00	CEQ ANNUITY DUE					PROPOSED
UNITED KINGDOM	23732-GB 7/27/00	CEQ ANNUITY DUE					PROPOSED
ITALY	23732-IT 7/27/00	CEQ ANNUITY DUE					PROPOSED
JAPAN	23716 8/1/99	CEQ LAID OPEN/STATUS CHK	7/27/94	07-506469			PENDING
JAPAN	23735 7/24/01	CEQ REQUEST EXAMINATION	7/24/94	07-506465			PENDING
SOUTH KOREA	23714	CEQ	7/27/94	96-700595			DEAD
SOUTH KOREA	23736	CEQ	7/24/94	96-700596			DEAD
NETHERLANDS	23732-NL	CEQ					ABANDONE
SWEDEN	23732-SE 7/27/00	CEQ ANNUITY DUE					PROPOSED
UNITED STATES	21874 7/31/02	NEW 2ND MAINT FEE DUE	8/5/93	08/102,405	1/31/95	5,386,373	ISSUED
UNITED STATES	22571 1/23/00	CIP 1ST MAINT FEE DUE	11/5/93	08/149,216	7/23/96	5,539,638	ISSUED
UNITED STATES	23434 2/20/00	CON 1ST MAINT FEE DUE	1/30/95	08/380,062	8/20/96	5,548,528	ISSUED
UNITED STATES	23823 10/28/99	CON BROADENED REISSUE DL	7/23/96	08/685,072	10/28/97	5,682,317	ISSUED

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
Next Action Due							
METHOD AND APPARATUS FOR AUTOMATICALLY CONSTRUCTING A DATA FLOW ARCHITECTURE							
UNITED STATES	23573 6/16/00	NEW	5/25/96	08/450,086	6/16/98	5,768,475	ISSUED
		BROADENED REISSUE DL					
UNITED STATES	24225 7/17/99	CON	1/30/98	09/015,984			PENDING
		DOCS 2 CLNT 4 SIGNAT					
METHOD AND APPARATUS FOR MODELING DYNAMIC AND STEADY STATE PROCESSES FOR PREDICTION, CONTROL AND OPTIMIZATION							
ARGENTINA	24091 5/7/00	CEQ	5/7/97	p97 01 01 890			PENDING
		REQUEST EXAMINATION					
AUSTRALIA	24488 9/4/00	CEQ	11/23/98	31321/97			PENDING
		EXAMINATION REPORT					
CANADA	24487 8/12/99	CEQ	11/5/98	2,254,733			PENDING
		EXAMINATION REPORT					
EUROPEAN PATENT CO	24484 8/13/99	CEQ	11/26/98	97 926598.0			PENDING
		STATUS CHECK					
INDONESIA	24097 7/28/99	CEQ	8/28/97	P-973015			PENDING
		STATUS CHECK					
JAPAN	24485 12/23/99	CEQ	11/5/98	09-540275			PENDING
		STATUS CHECK					
SOUTH KOREA	24486	CEQ	11/5/98	1998-708922			DEAD
MALAYSIA	24092	CEQ	5/20/97	PI 9702194			DEAD
UNITED STATES	23623 7/27/99	NEW	5/6/96	08/643,464			PENDING
		ISSUE FEE RECEIPT					
UNITED STATES	23969 7/16/99	CON	2/16/99	09/250,432			PENDING
		INF DISCLOSURE STMT					
UNITED STATES	24100 8/3/99	CON	10/6/98	09/167,504			PENDING
		RESPONSE TO OA					
UNITED STATES	24120 9/9/99	CIP	10/3/97	08/943,489			PENDING
		RESPONSE TO OA					
UNITED STATES	24541 7/31/99	CIP	12/31/98	09/224,648			PENDING
		INF DISCLOSURE STMT					
VENEZUELA	24099 7/19/99	CEQ	6/10/97	1099-97			PENDING
		STATUS CHECK					
METHOD AND APPARATUS FOR COMBINING MATHEMATICAL MODELS UTILIZING NEURAL NETWORKS							
UNITED STATES	23880 8/9/99	NEW					PROPOSED
		NEW CASE/ APPL DRAFT					
MULTIPLE UNIT MODELING AND OPTIMIZATION							
UNITED STATES	24280 7/27/99	NEW					PROPOSED
		NEW CASE/ APPL DRAFT					

Exhibit B

Patents

Patent Report by Invention

Printed: 7/14/99

Page 5

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
---------	------------	------	-------	---------	--------	---------	--------

Next Action Due**METHOD FOR MODELING, OPTIMIZING, SIMULATING AND CONTROLLING THE OPERATION OF A PLANT**

UNITED STATES	24426	NEW					PROPOSED
	7/25/99	NEW CASE/ APPL DRAFT					

BAYESIAN NEURAL NETWORK FOR OPTIMIZATION

UNITED STATES	24473	NEW	10/6/98	09/290,791			PENDING
	8/6/99	INF DISCLOSURE STMT					

INNOVATIONS IN THE BOXES ARCHITECTURE

UNITED STATES	24474	NEW					PROPOSED
	8/1/99	NEW CASE/ APPL DRAFT					

END OF REPORT

TOTAL ITEMS SELECTED =

82

PATENT

REEL: 020599 FRAME: 0652

PAVILION TECHNOLOGIES, INC.

Trademark Report by Mark

Trademarks

Printed: 7/14/99

Page 1

COUNTRY	REFERENCE#	FILED	APPL#	REGDT	REG#	STATUS	CLASSES
---------	------------	-------	-------	-------	------	--------	---------

<i>Next Action Due</i>							
BOOST							
UNITED STATES	24688					PROPOSED	
	8/8/99	APP TO CLNT					
DATA INSIGHTS							
UNITED STATES	23914	1/28/97	75/232,579	2/24/98	2,138,648	REGISTERE	
	2/24/04	AFFIDAVIT OF USE					
ECONOMICS INSIGHTS							
UNITED STATES	24262	3/10/98	75/447,687			PENDING	
	7/20/99	RESPONSE TO OA					
GOLDEN NUGGETS							
UNITED STATES	24267	3/24/98	75/455,684			ALLOWED	
	12/15/99	FILE ITU EXTENSION					
INSIGHTS							
UNITED STATES	24424	9/21/98	75/556,325			PENDING	
	9/21/99	STATUS CHECK					
ONLINE TRANSFORM PROCESSOR							
UNITED STATES	23909	1/28/97	75/232,990	6/16/98	2,166,667	REGISTERE	
	6/16/03	TRANSFER TO PRIN REG					
PAVILION							
UNITED STATES	23891	1/28/97	75/232,582	11/24/98	2,204,891	REGISTERE	09
	7/24/99	POST-REG AMENDMENT					
PAVILION (Hewlett Packard Opposition)							
GERMANY	24161					PROPOSED	
PAVILION - TURNING YOUR DATA INTO GOLD							
UNITED STATES	23890	2/24/97	75/246,876	3/23/99	2,233,275	REGISTERE	09
	3/23/05	AFFIDAVIT OF USE					
PAVILION DATA INTERFACE							
UNITED STATES	23910	1/28/97	75/232,989	12/22/98	2,212,218	REGISTERE	
	12/22/04	AFFIDAVIT OF USE					
PLANT OPTIMIZER							
UNITED STATES	24480					PROPOSED	
	8/14/99	NEW CASE/APPL DRAFT					

Trademarks

Trademark Report by Mark

Printed: 7/14/99

Page 3

COUNTRY	REFERENCE#	FILED	APPL#	REGDT	REG#	STATUS	CLASSES
---------	------------	-------	-------	-------	------	--------	---------

Next Action Due**SOFT SENSOR**

UNITED STATES	23948	2/7/94	74/487,767	1/16/96	1,949,520	REGISTERE
	1/16/02	AFFIDAVIT OF USE				

SOFT SENSOR INSIGHTS

UNITED STATES	23915	1/28/97	75/232,583	8/18/98	2,181,938	REGISTERE
	8/18/04	AFFIDAVIT OF USE				

SOFTWARE CEM

UNITED STATES	23949	9/3/93	74/431,620	12/12/95	1,941,500	REGISTERE
	12/12/01	AFFIDAVIT OF USE				

VIRTUAL ONLINE ANALYZER

UNITED STATES	23907	1/28/97	75/232,978			PENDING
	9/3/99	RESPONSE TO OA				

VOA

UNITED STATES	24308	7/2/99	N/A			PENDING
	8/2/99	POST CARD CHECK				

END OF REPORT

TOTAL ITEMS SELECTED =

27

COUNTRY	REFERENCE#	FILED	APPL#	REGDT	REG#	STATUS	CLASSES
Next Action Due							
POWER INSIGHTS SUITE							
UNITED STATES	23912	4/30/98	75/477,366			PENDING	
	8/30/99	PUBL NOTICE RECEIVED					
PROCESS INSIGHTS							
UNITED STATES	23855	8/14/95	74/714,999	2/25/97	2,039,892	REGISTERE	09
	2/25/03	AFFIDAVIT OF USE					
PROCESS PERFECTER							
UNITED STATES	23911	2/19/97	75/244,382	3/24/98	2,146,200	REGISTERE	
	3/24/04	AFFIDAVIT OF USE					
PRODUCTION CHAIN MANAGEMENT							
UNITED STATES	24307	5/14/98	75/484,915			PENDING	
	8/13/99	POST CARD CHECK					
PRODUCTION CHAIN OPTIMIZATION							
UNITED STATES	24308	5/14/98	75/484,916			PENDING	
	7/22/99	DOCS 2 CLNT 4 SIGNAT					
PROPERTY PREDICTOR							
UNITED STATES	24475	12/17/98	75/607,171			PENDING	
	12/18/99	RESPONSE TO OA					
RAE							
UNITED STATES	24689					PROPOSED	
	8/8/99	APP TO CLNT					
RUNTIME SOFTWARE CONTROLLER							
UNITED STATES	23908	1/28/97	75/232,977			PENDING	
	1/22/00	ABANDONMENT					
SENSOR VALIDATOR							
UNITED STATES	23906	1/28/97	75/232,580	2/9/99	2,223,342	REGISTERE	09
	2/9/04	TRANSFER TO PRIN REG					
SIMULATION INSIGHTS							
UNITED STATES	23913	1/28/97	75/232,988	9/1/98	2,185,445	REGISTERE	
	9/1/04	AFFIDAVIT OF USE					
SOFT CEM							
UNITED STATES	23947	2/7/94	74/487,768	12/12/95	1,941,632	REGISTERE	
	12/12/01	AFFIDAVIT OF USE					

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

NONE.

DHM1\SYS1\USERS\JCREIS\16563.4-SVB\IPSECAGREEMENT2.DOC