



101775231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Lee Walker  
Jennifer Vickers  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: Pavilion Technologies, Inc.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other Release of Security Interests and Liens  
Execution Date: December 29, 2000

Street Address: 11100 Metric Blvd., Suite 700  
City: Austin State: Texas ZIP: 78758  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of this application is: \_\_\_\_\_  
A. Patent Application No.(s) 08/943,489; 09/047,853;  
09/167,400; 09/167,504; 09/174,860; 09/207,719; 09/224,648;  
09/250,432; 09/290,791; 09/330,326; 60/103,269

B. Patent No.(s) 5,353,207; 5,386,373;  
5,479,573; 5,613,041; 5,729,661; 5,781,432; 5,825,646  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Kelly K. Kordzik  
Internal Address: WINSTEAD SECHREST & MINICK  
  
Street Address: P.O. Box 50784  
1201 Main Street  
City: Dallas State: Texas ZIP: 75250-0784

6. Total number of applications and patents involved: 17

7. Total fee (37 CFR 3.41): \$680.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
23-2426  
(Attach duplicate copy of this page if paying by deposit account)

07/11/2001 DBYRNE 00000090 08943489 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.  
Kelly K. Kordzik  
Name of Person Signing Signature Date 6/29/01

Total number of pages including cover sheet, attachments, and document: 11

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**RELEASE OF SECURITY INTERESTS AND LIENS**

WHEREAS, Pavilion Technologies, Inc., a Texas corporation ("Grantor") and LEE WALKER and JENNIFER VICKERS (collectively, the "Lenders") have entered into that certain Patent Security Agreements (the "Security Agreement") dated September 24, 1999, and recorded with the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_; and

WHEREAS, Grantor and Lender wish to release the security interest provided for by the Security Agreements;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Lender hereby releases its security interest in and lien on the collecteral (listed on the attached Schedule "I") granted in the Security Agreement.

IN WITNESS WHEREOF, the undersigned has duly executed this Release of Security Interests and Liens to be effective on December 29, 2000.

*Lee Walker*

\_\_\_\_\_  
LEE WALKER

*Jennifer Vickers*

\_\_\_\_\_  
JENNIFER VICKERS

THE STATE OF TEXAS

§

§

COUNTY OF TRAVIS

§

This instrument was ACKNOWLEDGED before me on the 29 day of December, 2000, by LEE WALKER and JENNIFER VICKERS, for the purposes therein expressed.

[S E A L]

My Commission Expires:

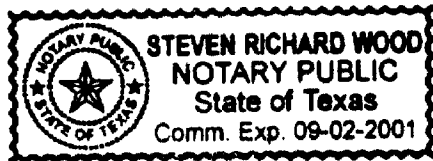
9-2-2001

*Steven Richard Wood*

\_\_\_\_\_  
Notary Public - State of Texas

*Steven Richard Wood*

\_\_\_\_\_  
Printed Name of Notary Public



**Schedule 1  
to  
Release of Security Interests and Liens**

U.S. PATENT AND TRADEMARK STATUS REPORT  
For  
PAVILION TECHNOLOGIES, INC.

U.S. PATENTS ISSUED OR ALLOWED

FILE NO.	TITLE	SERIAL NO.	FILING DATE	PATENT NO.	ISSUE DATE	EXP. DATE	STATUS
PAVI-20,964	Residual Activation Neural Network; (Keeler, Hartman, Liano & Ferguson)(Continuation PAVI-22,862)(PCT PAVI-21,878; EPO PAVI-23,413; Canadian PAVI-23,414; Japanese PAVI-23,415)	07/896,755	06/10/1992	5,353,207	10/04/1994	6/10/2012	2nd Maintenance Due 04/04/2002
PAVI-20,965	Method and Apparatus for Operating Neural Network with Missing and/or Incomplete Data (Keeler, Hartman & Ferguson)(Continuation of Serial No. 08/980,664, now abandoned, same file no.) (PCT PAVI-22,576; JA PAVI-23,593; EPO PAVI-23,597; CA PAVI-23,598; AUS PAVI-23,599)(This CIP: PAVI-21,462, PAVI-21,557, Cont PAVI-23,573 and Cont PAVI-23,833)	08/531,100	09/20/1995	5,613,041	03/18/1997	09/20/2015	1st Maintenance due 9/18/2000
PAVI-21,462	Method and Apparatus for Preprocessing Input Data to a Neural Network; (Keeler, Hartman, O'Hara, Kempf & Godbole); CIP of PAVI-20,965 bearing '664 S/N (PCT PAVI-22,717, EPO PAVI-23,637; CA PAVI-23,636)	08/008,170	01/25/1993	5,729,661	03/17/1998	12/26/2012	1 <sup>st</sup> Maintenance Fee due 09/17/2001
PAVI-21,557	Predictive Network with Learned Preprocessing Parameters; (Keeler, Hartman, O'Hara, Kempf & Godbole) (CIP of PAVI-20,965) (PCT PAVI-22,716, EPO PAVI-23,634, CA PAVI-23,635, CONT PAVI-23,719)	08/008,218	01/25/1993	5,479,573	12/26/95	1/25/2013	#2 Maint. Due 6/26/2003
PAVI-21,571	Method & Apparatus for Analyzing a Neural Network Within Desired Operating Parameter Constraints (Keeler & Hartman)FWC of 08/025,184, now abandoned(same file no.), Cont PAVI-21,761; CIP PAVI 22,571 and PCT 23,175)	08/759,539	12/04/96	5,781,432	07/14/98	03/02/2013	1st Maintenance Fee Due 01/14/2002
PAVI-21,761	Method and Apparatus for Determining the Sensitivity of Inputs to a Neural Network on Output Parameters; (Keeler, Hartman & Liano) (PCT PAVI-22,965); Cont of 056,197 (abandoned) which is a CIP of 08/025,184(abandoned) which is parent to FWC S/N 08/759,539(This file is a CONT of 21,571 having S/N 08/759,539)	08/656,702	06/03/1996	5,825,646	10/20/1998	03/02/2013	1 <sup>st</sup> Maintenance Fee due 04/20/2002.
PAVI-21,874	Virtual Continuous Emission Monitoring System with Sensor Validation; (Keeler, Ilavener, Godbole & Ferguson); (PCT-23,175(PAVI-23,713; 23,714; 23,715; 23,716 and 23,717); CIP PAVI-22,571; CONT PAVI-23,434)	08/102,405	08/05/1993	5,386,373	01/31/1995	8/5/2013	2nd Maint. Due 07/31/1999.

U.S. PATENTS PENDING

FILE NO.	TITLE	SERIA L NO.	FILING DATE	PATENT NO.	ISSUE DATE	EXP. DATE	STATUS
PAVI-23,969	Systematic Process Modeling and Identification for Prediction, Control & Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules and Ilavcner) (CONT of PAVI-23,623)	09/250,432	02/16/1999	N/A	N/A	N/A	Rcvd Filing Receipt 03/10/1999; Filed IDS 07/27/1999; Wait for 1 <sup>st</sup> Office Action...
PAVI-24,100	A Method for On-Line Optimization of a Plant (Stephen Piche, John Ilavener & Donald Senrad) CIP of 24120 which is CIP of 23,623	09/167,504	10/06/1998	N/A	N/A	N/A	Received Rejection 05/03/1999; Response due 08/03/1999.
PAVI-24,120	A Method for Steady-State Identification Based Upon Identified Dynamics (Keeler, Piche, Hartman, Gerules, Liano and Johnson) CIP of PAVI-23,623 (has CIP 24,100)	08/943,489	10/03/1997	N/A	N/A	N/A	Received Rejection 06/09/1999; Response Due 09/09/1999.
PAVI-24,269	CIP of PAVI-23,719 - Automatic Method for Building a Model (23,719 is a Cont. PAVI-21,557 which is CIP of 20,965) (Keeler, Hartman, O'Hara, Kempf & Godbole)	09/047,853	03/24/1998	N/A	N/A	N/A	Filed Missing Parts; Wait 1st Office Action.
PAVI-24,473	Bayesian Neural Network for Optimization (Hartman, Peterson) ORIGINALLY FILED AS A PROVISIONAL APPLICATION	60/103,269 09/290,791	10/06/1998	N/A	N/A	N/A	Received Filing Receipt 05/17/1999; Filed Response to Missing Parts 06/10/1999; Wait for 1 <sup>st</sup> Office Action
PAVI-24,476	Method for Operating a Neural Network with Missing and/or Incomplete Data (Keeler, Hartman & Ferguson) (Cont of PAVI-23,833 which is CONT of 20,965)	09/167,400	10/06/98	N/A	N/A	N/A	Filed Petition to Revive, IDS and Continued Prosecution Application 07/27/1999; Wait for Decision.
PAVI-24,489	Method & Apparatus for Determining the Sensitivity of Inputs to a Neural Network on Output Parameters (Keeler, Hartman, Liano) (Continuation of PAVI-21,761)	09/174,860	10/19/1998	N/A	N/A	N/A	Received Rejection 05/21/1999; Response Due 08/21/1999.
PAVI-24,541	A Method for Optimizing a Plant with Multiple Inputs (Piche) (CIP of PAVI-24,100)	09/224,648	12/31/98	N/A	N/A	N/A	Received Rejection 06/18/1999; Response Due 09/18/1999
PAVI-24,542	Method for Training and/or Testing a Neural Network on Missing and/or Incomplete Data (Keeler, Hartman, Ferguson) (CONT. of PAVI-24,476)	09/207,719	12/08/1998	N/A	N/A	N/A	Received Rejection 06/18/1999; Response Due 09/18/1999.
PAVI-24,558	Residual Activation Neural Network (Keeler, Hartman, Liano and Ferguson) (Cont of PAVI-23,893 which is a CONT of 22,862 which is a CONT of 20,964.)	N/A	01/12/1999	N/A	N/A	N/A	Filed Continuation Application 01/12/1999; Wait for Filing Receipt
PAVI-24,664	A Predictive Network with Graphically Determined Preprocessed Transforms (Keeler, Hartman, O'Hara, Kempf, Godbole) (Cont of PAVI-23,719)	09/330,326	06/11/1999	N/A	N/A	N/A	Filed Continuation Application 06/11/1999; Wait for Filing Receipt

UNITED STATES PATENTS IN PROGRESS

FILE NO.	TITLE	SERIAL NO.	FILING DATE	PATENT NO.	ISSUE DATE	EXP. DATE	STATUS
PAVI-20,966 NOT FILING	Method for Incorporating Fuzzy Constraints in a Neural Network; (Keeler, Ferguson & Hartman)	N/A	N/A	N/A	N/A	N/A	Not filing - Abandoned.
PAVI-23,639 NOT FILING	Neural Network with Mixed-Integer Search Methods; (Ellinger)	N/A	N/A	N/A	N/A	N/A	Not filing - Abandoned.
PAVI-23,880	Method and Apparatus for Combining Mathematical Models Utilizing Neural Networks (G. Martin)	N/A	N/A	N/A	N/A	N/A	Waiting for draft application
PAVI-24,029 CLOSED	Neural Network Method and Architecture for Learning Steady-State Responses from Dynamic Data in Open or Closed Loop Systems (Keeler, Johnson and Piche)	N/A	N/A	N/A	N/A	N/A	CLOSED: DUPLICATE FILE
PAVI-24,280	Multiple Unit Modeling and Optimization (Piche, Hartmann & O'Hara)	N/A	N/A	N/A	N/A	N/A	Disclosure Taken, Drafting Application.
PAVI-24,426	Method for Modeling, Optimizing, Simulating and Controlling the Operation of a Plant (Plumber, Ellinger)	N/A	N/A	N/A	N/A	N/A	Disclosure Taken, Drafting Application.
PAVI-24,474	Innovations in the Boxes Architecture (Plumber, Ellinger)	N/A	N/A	N/A	N/A	N/A	Disclosure Taken, Drafting Application.

FOREIGN PATENTS

CTY:

FILE NO.	CTY.	TITLE	SERIAL NO.	FILING DATE	PATENT NO.	ISSUE DATE	EXP. DATE	STATUS
PAVI-21,878	PCT	Residual Activation Neural Network; (US PAVI-20,964; EPO PAVI-23,413; Canadian PAVI-23,414; Japanese PAVI-23,415)	PCT/US93/05596	06/10/1993	N/A	N/A	N/A	Entered National Phase 11/01/1994; Closed File
PAVI-22,576	PCT	Method and Apparatus for Operating a Neural -- PCT Network with Missing and/or Incomplete Data; (US PAVI-20,965; Japanese PAVI-23,593; EPO PAVI-23,597; Canadian PAVI-23,598; Australian PAVI-23,599)	PCT/US93/11251	11/19/1993	N/A	N/A	N/A	Entered National Phase 05/24/1995; Closed File.
PAVI-22,716	PCT	Predictive Network with Learned Preprocessing Parameters; (US App.: PAVI-21,557; EPO PAVI-23,634; Canada PAVI-23,637)	PCT/US94/00905	01/25/1994	N/A	N/A	N/A	Entered National Phase 07/12/1995; Closed File.
PAVI-22,717	PCT	Method and Apparatus for Preprocessing Input Data to a Neural Network; (US App.: PAVI-21,462; EPO App: PAVI-23,636; Canada App: PAVI-23,637)	PCT/US94/00910	01/25/1994	N/A	N/A	N/A	Entered National Phase 07/12/1995; Closed File.
PAVI-22,860	PCT	Method and Apparatus Utilizing a Neural network within Desired Operating Parameter Constraints (US PAVI-21,571, EPO App: PAVI-23,643; Canada App: PAVI-23,644)	PCT/US94/02305	03/02/1994	N/A	N/A	N/A	Entered National Phase 07/11/1995; Closed File.
PAVI-22,965	PCT	Method and Apparatus for Determining the Sensitivity of Inputs to a Neural Network on Output Parameters; (US PAVI-21,761)	PCT/US94/04692	04/28/1994	N/A	N/A	N/A	Entered National Phase 10/30/1995; Closed File.
PAVI-23,175	PCT	Virtual Continuous Emission Monitoring System with Sensor Validation (US PAVI-21,874)	PCT/US94/08628	07/27/1994	N/A	N/A	N/A	Entered National Phase 02/05/1996; Closed File.
PAVI-23,176	PCT	Virtual Emissions Monitor for Automobile (US PAVI-22,751)	PCT/US94/08657	07/27/1994	N/A	N/A	N/A	Entered National Phase 02/05/1996; Closed File.
PAVI-23,413	EPO	Residual Activation Neural Network -- EPO (US App.: PAVI-20,964; PCT PAVI-21,878)	93/914464.8	06/10/1993	N/A	N/A	N/A	Entered National Phase; Renewal fees for Germany, Spain, France, U.K., Italy, Netherlands and Sweden due 6/10/2000.
PAVI-23,414	CA	Residual Activation Neural Network (US App.: PAVI-20,964; PCT PAVI-21,878)	2137806	06/10/1993	N/A	N/A	N/A	7th Year Annuity Due 06/10/2000, Req. for Exam due 6/10/2000

NO.	CTY.	TITLE	SERIAL NO.	FB DATE	PATENT NO.	ISSUE DATE	EXP. DATE	STATUS
PAVI-23,415	JA	Residual Activation Neural Network (US App.: PAVI-20,964; PCT PAVI-21,878)	06-501743	06/10/1993	N/A	N/A	N/A	Request for Examination 06/10/2000.
PAVI-23,593	JA	Method and Apparatus for Operating a Neural Network with Missing and/or Incomplete Data; (U.S. App.: PAVI-20,965; PCT 22,576)	06-513265	11/19/1993	N/A	N/A	N/A	Request for Examination Due by 11/19/2000.
PAVI-23,597	EPO	Method and Apparatus for Operating a Neural Network with Missing and/or Incomplete Data; (U.S. App.: PAVI-20,965; PCT 22,576)	94 903278.3	11/19/1993	N/A	N/A	N/A	Filed Response 03/22/1999; 7 <sup>th</sup> Renewal Fee Due 11/19/1999.
PAVI-23,598	CA	Method and Apparatus for Operating a Neural Network with Missing and/or Incomplete Data (U.S. App.: PAVI-20,965; PCT 22,576)	2,149,913	11/19/1993	N/A	N/A	N/A	Renewal Fee Due 11/19/1999, Request for Examination due 11/19/2000.
PAVI-23,599	AU	Method and Apparatus for Operating a Neural Network with Missing and/or Incomplete Data (U.S. App.: PAVI-20,965; PCT 22,576)	65155/94	11/19/1993	674,227	04/02/97	11/19/2013	Next renewal fee due 11/19/1999
PAVI-23,634	EPO	Predictive Network with Learned Preprocessing Parameters (U.S.: 21,557, PCT 22,716, Canada 23,635)	94/907888.5	07/12/1995	N/A	N/A	N/A	Text Approval Due 09/22/1999, 7th Renewal Fees due 01/25/2000.
PAVI-23,635	CA	Predictive Network with Learned Preprocessing Parameters--Canada (U.S. 21,557, PCT 22,716, EPO 23,634)	2153779	07/12/1995	N/A	N/A	N/A	7th Annuity Due 01/25/2000, Req. for Exam due 1/25/2001.
PAVI-23,636	EPO	Method and Apparatus for Preprocessing Input Data to a Neural Network - EPO; (U.S. 21,462, PCT 22,717, Canada 23,637)	94/909493.2	07/12/1995	N/A	N/A	N/A	7th Renewal Fees due 1/31/2000, Response due 09/01/1999.
PAVI-23,637	CA	Method and Apparatus for Preprocessing Input Data to a Neural Network (U.S. 21,462, PCT 22,717, EPO 23,636)	2,153,783	01/25/1994	N/A	N/A	N/A	7th Annuity Due 01/25/2000; Request for Examination due 01/25/2001.
PAVI-23,643	EPO	Method and Apparatus for Analyzing a Neural Network (PCT 22,860, Canada 23,644)	94/910822.9	07/11/1995	N/A	N/A	N/A	Response due 08/21/1999, 7 <sup>th</sup> year renewal due 03/31/2000.
PAVI-23,644	CA	Method and Apparatus for Analyzing a Neural Network (PCT :22,860, EPO 23,643)	2157198	07/11/1995	N/A	N/A	N/A	Maintenance fee for year 6 due 03/02/2000; Request for Exam due 3/2/2001
PAVI-23,687	EPO	Method and Apparatus for Determining the Sensitivity of Inputs to a Neural Network on Output Parameters (Kecler, Hartman and Kadir) (US Case: 21,761, PCT: PAVI-22,965)	0696372	10/26/1995	N/A	N/A	N/A	Renewal due 04/28/2000, Response Due 09/01/1999.



PAVI-23,688	CA	Method and Apparatus for Determining the Sensitivity of Inputs to a neural network on Output Parameters (Kecler, Hartman & Kadir) (US: PAVI-21,761)	2,161,655	4/2/94	N/A	N/A	N/A	N/A	Maint fee for year 6 due 04/28/2000. Examination due 04/28/2001
PAVI-23,713	EPO	Virtual Continuous Monitoring System with Sensor Validation (PCT PAVI-23,175; US: PAVI-21,874)	94 924530.2	07/27/1994	N/A	N/A	N/A	N/A	Text approval due 09/27/1999; Renewal fee due 07/27/2000.
PAVI-23,714	KR	Virtual Continuous Monitoring System with Sensor Validation (PCT PAVI-23,175; US: PAVI-21,874)	96-700595	07/27/1994	N/A	N/A	N/A	N/A	Entered National Phase 02/05/1996; Closed File.
PAVI-23,715	AUS	Virtual Continuous Monitoring System with Sensor Validation (PCT PAVI-23,175; US: PAVI-21,874)	7477694	07/27/1994	677694	08/21/1997	07/27/2014	07/27/2014	Annuity due 07/27/2000.
PAVI-23,716	JA	Virtual Continuous Monitoring System with Sensor Validation (PCT PAVI-23,175; US: PAVI-21,874)	07-506,469	07/27/1994	N/A	N/A	N/A	N/A	Request for Exam due 07/27/2001
PAVI-23,717	CA	Virtual Continuous Monitoring System with Sensor Validation (PCT PAVI-23,175; US: PAVI-21,874)	2167588	02/05/1996	N/A	N/A	N/A	N/A	Annuity for 6th year due 07/27/2000 Request for Examination Due 07/27/2001.
PAVI-23,732	EPO	Virtual Emissions Monitor For Automobile (PCT PAVI-23,176; US File: PAVI-22,571)	94 922772.2	07/24/1994	N/A	N/A	N/A	N/A	Entered National Phase; Renewal Fees for Germany, France, Italy, U.K., Netherlands and Sweden due 07/27/2000.
PAVI-23,733	CA	Virtual Emissions Monitor For Automobile (PCT PAVI-23,176, US File PAVI-22,571)	2167927	07/27/1994	N/A	N/A	N/A	N/A	Renewal Fee due 07/27/2000; Request for Examination due 07/27/2001.
PAVI-23,735	JA	Virtual Emissions Monitor for Automobile (PCT PAVI-23,176, US File PAVI-22,571)	07-506465	07/24/1994	N/A	N/A	N/A	N/A	Request for Exam. due 7/27/2001.
PAVI-23,736	KR	Virtual Emissions Monitor for Automobile (PCT PAVI-23,176, US File PAVI-22,571)	96-700596	07/24/1994	N/A	N/A	N/A	N/A	Closed File.
PAVI-23,739	AUS	Virtual Emissions Monitor for Automobile (PCT PAVI-23,176, US File PAVI-22,571)	688353	07/27/1994	07/02/1998	688353	N/A	N/A	Annuity due 07/27/2000.
PAVI-23,763	PCT	User Configurable Data Flow Architecture; (US APP PAVI-23,573)	PCT/US96/06833	05/13/1996	N/A	N/A	N/A	N/A	Not filing Chapter II - closed file 03/10/1998.
PAVI-24,034	PCT	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (US Case PAVI-23,623) (Martin, Bue, Piche, Kecler, Timmer, Gerules & Havener)	PCT/US97/08473	5/5/1997	N/A	N/A	N/A	N/A	Chapter II filed 11/12/1997; Received Examination Report 05/18/1998; National Filings filed 12/01/1998; Closed File

I-24,091	ARG	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules & Havener) (US Case PAVI-23,623; Malaysia PAVI-24,092; Indonesia PAVI-24,097)	P970101890		N/A	N/A	N/A	N/A	Examination Request due 05/07/2000.
PAVI-24,092	MY	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules & Havener) (US Case PAVI-23,623; Argentina PAVI-24,091; Indonesia PAVI-24,097; Venezuela PAVI-24,099)	PI-9702194	5/20/1997	N/A	N/A	N/A	N/A	Closed File.
PAVI-24,097	ID	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules & Havener) (US Case PAVI-23,623; Argentina PAVI-24,091; Malaysia PAVI-24,092; Venezuela PAVI-24,099)	P-973015	08/28/1997	N/A	N/A	N/A	N/A	Closed File.
PAVI-24,099	VZ	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules & Havener) (US Case PAVI-23,623; Argentina PAVI-24,091; Malaysia PAVI-24,092)	1099-97	06/10/1997	N/A	N/A	N/A	N/A	Closed File.
PAVI-24,484	EPO	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules, Havener) (U.S. Case PAVI-23,623; EPO claiming priority from PCT PAVI-24,034)	97 926598.0	11/26/1998	N/A	N/A	N/A	N/A	Annuitiy Due 05/05/2000.
PAVI-24,485	JP	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules, Havener) (U.S. Case PAVI-23,623; EPO claiming priority from PCT PAVI-24,034)	09-540275	11/05/1998	N/A	N/A	N/A	N/A	Wait for 1 <sup>st</sup> Office Action; Request for Examination Due 05/05/2005.
PAVI-24,486	KOR	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules, Havener) (U.S. Case PAVI-23,623; claiming priority from PCT PAVI-24,034)	1998-708922	11/05/1998	0897560	N/A	N/A	N/A	Closed File.

VI-24,487	CA	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules, Havener) (U.S. Case PAVI-23,623; claiming priority from PCT PAVI-24,034)	22,547,33	11/23/1998	N/A	N/A	N/A	N/A	Maintenance Fee Due 05/05/2010.
PAVI-24,488	AU	Method and Apparatus for Modeling Dynamic and Steady-State Processes for Prediction, Control and Optimization (Martin, Boe, Piche, Keeler, Timmer, Gerules, Havener) (U.S. Case PAVI-23,623; claiming priority from PCT PAVI-24,034)	31321/97	11/23/1998	N/A	N/A	N/A	N/A	1 <sup>st</sup> Renewal Fee Due 05/05/2002.