

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIPPINGPOINT TECHNOLOGIES, INC.	07/20/2010
RECEIVING PARTY DATA	
Name:	Hewlett-Packard Development Company, L.P.
Street Address:	20555 S.H. 249
City:	Houston
State/Country:	TEXAS
Postal Code:	77070
PROPERTY NUMBERS Total: 29	
Property Type	Number
Patent Number:	7359962
Patent Number:	7633868
Patent Number:	7095715
Patent Number:	6983323
Patent Number:	7180895
Patent Number:	7239639
Patent Number:	7134143
Patent Number:	7024489
Patent Number:	7451489
Patent Number:	7454792
Patent Number:	7454499
Patent Number:	7590855
Application Number:	09875639
Application Number:	12183394
Application Number:	12183642

501248558

PATENT
REEL: 024755 FRAME: 0973

CH \$1160.00 7359962

Application Number:	11347893
Application Number:	11745307
Application Number:	11782840
Application Number:	12181400
Application Number:	12181511
Application Number:	12182262
Application Number:	12182391
Application Number:	12183143
Application Number:	12183458
Application Number:	10199152
Application Number:	11829462
Application Number:	11443490
Application Number:	09928771
Application Number:	12553664

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 970 898-4728

Email: jerry.shorma@hp.com

Correspondent Name: Hewlett-Packard Company

Address Line 1: 3404 East Harmony Rd

Address Line 2: Intellectual Property Administration

Address Line 4: Ft. Collins, COLORADO 80528

NAME OF SUBMITTER:

Lynette DeBrey-Cota

Total Attachments: 6

source=Tipping Point Assignment to HPDC#page1.tif

source=Tipping Point Assignment to HPDC#page2.tif

source=Tipping Point Assignment to HPDC#page3.tif

source=Tipping Point Assignment to HPDC#page4.tif

source=Tipping Point Assignment to HPDC#page5.tif

source=Tipping Point Assignment to HPDC#page6.tif

PATENT ASSIGNMENT

This is a patent and patent application assignment by and between the below parties with an effective date of July 1, 2010

Whereas, TIPPINGPOINT TECHNOLOGIES, INC., a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at 7501B NORTH CAPITAL OF TEXAS HWY. AUSTIN, TEXAS 78731 ("Assignor"), is the owner or joint owner of the patents and patent applications identified in the attached Schedule A, and all corresponding patent applications and patents filed or granted thereon in any country of the world;

Whereas, HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a limited partnership established under the laws of the State of Texas and having a principal place of business at 20555 S.H. 249, Houston, TX 77070, U.S.A. ("Assignee"), desires to acquire Assignor's entire right, title and interest, including the right of priority, in, to and under the patents and patent applications identified in said Schedule A and all corresponding patent applications and patents filed or granted thereon in any country of the world; and

Now, therefore, in consideration of the mutual promises and covenants contained herein, Assignor and Assignee agree as follows.

Assignor assigns, transfers and conveys to Assignee the entirety of Assignor's right, title and interest, including, without limitation, the right of priority, in the patent applications and patents identified in said Schedule A, and the inventions and improvements set forth therein, including any corresponding patent applications, including, without limitation, provisional applications, and patents filed or granted in any country of the world, and also including any continuations, continuations-in-part, divisionals, renewals, or substitutes therefor, and any reissues, or reexaminations, or extensions thereof (collectively referred to as "Patents"). Assignee shall have the right to sue, counterclaim and recover for past, present, and future infringement and collect any royalties from third parties, damages (including past damages), or other income relating to such Patents.

In connection with the foregoing, Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States and other empowered officials of the United States Patent and Trademark Office and/or the appropriate empowered officials in jurisdictions outside the United States to record the transfer of the Patents to Assignee as assignee of Assignor's right, title and interest therein, and to issue to Assignee all letters patent and other items referred to above which may issue with respect to the Patents in and outside the United States.

[Signature Page Follows]

TIPPOINT PATENT ASSIGNMENT

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its authorized representative. Each such authorized representative hereby declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true.

TIPPINGPOINT TECHNOLOGIES, INC.	Hewlett-Packard Development Company, L.P.
By: <i>[Signature]</i>	By: <i>[Signature]</i>
Title: <i>President and Secretary</i>	Title: <i>VP & Dir, IP & IP Licensing</i>
Date: <i>July 20, 2010</i>	Date: <i>7/20/10</i>

TRIPDC PATENT ASSIGNMENT

<i>Schedule A - Patents and Patent Applications</i>						
Case Number	Ctry	Application Title	Filing Date	App Number	Patent Number	Issue Date
4025.US.P	US	Network Security System Integration	30-Apr-02	10/136,889	7,359,982	15-Apr-08
4028.EP.P	EP	Active Network Defense System and Method	7-Nov-03	03783255.7		
4028.PCT.P	WO	Active Network Defense System and Method	7-Nov-03	PCT/US03/35619		
4029.CN.P	CN	Method and Apparatus for Data Packet Pattern Matching	4-Aug-05	200480003481.6	ZL 200480003481.6	25-Mar-09
4030.US.P	US	System and Method for Allocating Bandwidth Across a Network	6-Jun-01	09/875,639		
4038.US.P	US	Triggering Mechanism for Traffic Filtering				
4062-US	US	Dynamic Network Access Control Method and Apparatus	5-Feb-07	60/888,177		
4069-US	US	High Availability Adapter with Alternate Power Source				
4071-US	US	Multi-level Fallback Configuration for High Availability				
4074-US	US	NON-BLOCKING SHARED STATE IN AN INTRUSION PREVENTION SYSTEM	31-Jul-08	12/183,394		
4076-US	US	Zero Copy Packet Buffering Using Shadow Sends	31-Jul-08	12/183,542		
4082-US	US	Hybrid Method to Accelerate Regex Search				
4027.CN.P	CN	Multi-level packet screening with dynamically selected filtering criteria	11-Aug-03	03824130.2	453980	24-Dec-08
4032-US-Div	US	System and Method for Processing Network Packet Flows	23-Jun-06	11/473,885	7,633,868	15-Dec-09
4032-US	US	System and Method for Processing Network Packet Flows	2-Jul-01	08/897,389	7,095,715	22-Aug-06
4086-PCT	WO	Distributed Packet Flow Inspection and Processing	28-Oct-09	PCT/US09/62402		
4027.EP.P	EP	Multi-level packet screening with dynamically selected filtering criteria	11-Aug-03	EP 03785167.2		
4027.PCT.P	WO	Multi-level packet screening with dynamically selected filtering criteria	11-Aug-03	PCT/US03/02567		
4027.US.P	US	Multi-level packet screening with dynamically selected filtering criteria	12-Aug-02	10/217,862	6,983,323	3-Jan-06
4034.US.P	US	System and Method for Classifying Network Packets with Packet Content	31-Dec-01	10/036,638	7,180,895	20-Feb-07
4035.US.P	US	System and Method for Dynamically Constructing Packet Classification Rules	27-Dec-01	10/034,435	7,238,639	3-Jul-07
4045-US	US	DYNAMIC NETWORK TUNER FOR THE AUTOMATED CORRELATION OF NETWORKING DEVICE FUNCTIONALITY AND NETWORK-RELATED PERFORMANCE	6-Feb-06	11/347,893		

TP/HPDC PATENT ASSIGNMENT

4057-US	US	METHOD AND SYSTEM FOR CONTROLLED DELAY OF PACKET PROCESSING WITH MULTIPLE LOOP PATHS	7-May-07	11/745,307
4059-US	US	SYSTEM AND METHOD FOR TRAFFIC LOAD BALANCING TO MANAGE MULTIPLE PROCESSORS	25-Jul-07	11/782,840
4067-US	US	METHODS AND SYSTEMS FOR USING INCREMENTAL OPERATION FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	29-Jul-08	12/181,400
4067-US-PRO	US	METHODS AND SYSTEMS FOR USING INCREMENTAL OPERATION FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	31-Jul-07	60/953,086
4078-US	US	Methods and Systems for Using Lambda Transitions for Processing Regular Expressions in Intrusion-Prevention Systems	29-Jul-08	12/181,511
4078-US-PRO	US	Methods and Systems for Using Lambda Transitions for Processing Regular Expressions in Intrusion-Prevention Systems	31-Jul-07	60/953,089
4079-US	US	METHODS AND SYSTEMS FOR USING STATE RANGES FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	30-Jul-08	12/182,262
4079-US-PRO	US	METHODS AND SYSTEMS FOR USING STATE RANGES FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	31-Jul-07	60/953,089
4080-US	US	METHODS AND SYSTEMS FOR USING KEYWORD PREPROCESSING, BOYER-MOORE ANALYSIS, AND HYBRIDS THEREOF, FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	30-Jul-08	12/182,391
4080-US-PRO	US	METHODS AND SYSTEMS FOR USING KEYWORD PREPROCESSING, BOYER-MOORE ANALYSIS, AND HYBRIDS THEREOF, FOR PROCESSING REGULAR EXPRESSIONS IN INTRUSION-PREVENTION SYSTEMS	31-Jul-07	60/953,094
4097-US-PRO	US	DISTRIBUTED PACKET FLOW INSPECTION AND PROCESSING	28-Oct-09	61/255,720
4098-US	US	Gram Controller Bank Reorder Engine		
4083	US	Fair Flow Processing Using Partial Packet Inspection		

TP/HPDC PATENT ASSIGNMENT

4086-US-PRO	US	Distributed Packet Flow Inspection and Processing	12-Sep-08	61/096,538		
4072	US	Flow Based Load Balancing Without State				
4073-US	US	NETWORK PACKET INSPECTION FLOW MANAGEMENT	31-Jul-08	12/183,143		
4073-US-PRO	US	NETWORK PACKET INSPECTION FLOW MANAGEMENT	3-Aug-07	60/953,767		
4074-US-PRO	US	NON-BLOCKING SHARED STATE IN AN INTRUSION PREVENTION SYSTEM	3-Aug-07	60/953,778		
4075-US	US	Shared Rate Limiters Using Floating Buckets	31-Jul-08	12/183,458		
4075-US-PRO	US	Shared Rate Limiters Using Floating Buckets	3-Aug-07	60/953,787		
4076-US-PRO	US	Zero Copy Packet Buffering Using Shadow Sends	3-Aug-07	60/953,802		
4077	US	Protocol Decode Using a Keyword Tree				
4081	US	Boyer-Moore to Accelerate Regex Search				
4066	US	IPS Web Browser Protection				
4068	US	Network Device Interconnection with Knowledge Feedback				
4060	US	Roving Planet Abandoned patent	19-Jul-02	10/199,352		
4062	US	Dynamic Network Access Control Method and Apparatus	27-Jul-07	11/839,462		
4070	US	SFP Hotswap High Availability Connector				
4050	US	Bi-Planar Network Architecture	15-Feb-06	60/773,437		
4046-US-P	US	Intrusion Prevention System Edge Controller	30-May-06	11/443,490		
4048-US-P	US	Filter Cost Analysis in Divergent Network Environment				
4031-US-P	US	System and Method for Programming Network Nodes	13-Aug-01	09/928,771		
4029-EP	EP	Method and Apparatus for Data Packet Pattern Matching	4-Feb-04	04708139.3		
4029-PCT-P	WO	Method and Apparatus for Data Packet Pattern Matching	4-Feb-04	PCT/US04/003047		
4029-US-P	US	Method and Apparatus for Data Packet Pattern Matching	4-Feb-03	10/358,409	7,134,143	7-Nov-06
4033-US-P	US	System and Method for Disparate Physical Interface Conversion	31-Dec-01	10/036,584	7,024,489	4-Apr-06
4032-US-C	US	System and Method for Processing Network Packet Flows	3-Sep-09	12/553,654		
4028-JP-P	JP	Active Network Defense System and Method	7-Nov-03	2004-551910		
4028-KOR-P	KR	Active Network Defense System and Method	7-May-05	7008205/2005		
4028-MY-P	MY	Active Network Defense System and Method	7-Nov-03	P120034276		
4028-US-DIV	US	Active Network Defense System and Method	31-Aug-04	10/930,392	7,451,489	11-Nov-08

TPHPDC PATENT ASSIGNMENT

4028.US.DIV2	US	Active Network Defense System and Method	31-Aug-04	10/935,922	7,454,792	18-Nov-08
4028.US.BCE	US	Active Network Defense System and Method	7-Nov-02	10/291,095	7,454,699	18-Nov-08
4028.US.P	US	STEGANOGRAPHICALLY AUTHENTICATED PACKET TRAFFIC	30-Apr-02	10/136,896	7,590,855	15-Sep-09
4028.AR.P	AR	Active Network Defense System and Method	7-Nov-03	P0303104121		
4028.CL.P	CL	Active Network Defense System and Method	7-Nov-03	2280/2003		
4028.CN.P	CN	Active Network Defense System and Method	31-May-05	200380104709.6	ZL 200380104709.6	17-Dec-08
4099-US	US	Trigger Pattern Search Engine				