PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6932533

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AIRMAGNET, INC.	09/13/2021

RECEIVING PARTY DATA

Name:	NETSCOUT SYSTEMS, INC.
Street Address:	310 LITTLETON ROAD
City:	WESTFORD
State/Country:	MASSACHUSETTS
Postal Code:	01886

PROPERTY NUMBERS Total: 57

Property Type	Number
Patent Number:	D833308
Patent Number:	D694233
Patent Number:	D668649
Patent Number:	6058102
Patent Number:	6147998
Patent Number:	6628619
Patent Number:	6763108
Patent Number:	7035266
Patent Number:	7130289
Patent Number:	7394773
Patent Number:	7596109
Patent Number:	7599308
Patent Number:	7711809
Patent Number:	7804787
Patent Number:	7817581
Patent Number:	7958190
Patent Number:	7969893
Patent Number:	7996523
Patent Number:	8050268
Patent Number:	8089869

Property Type	Number
Patent Number:	8122243
Patent Number:	8195793
Patent Number:	8248934
Patent Number:	8437263
Patent Number:	8443075
Patent Number:	8489679
Patent Number:	8510830
Patent Number:	8514729
Patent Number:	8724475
Patent Number:	8782092
Patent Number:	8837296
Patent Number:	8849994
Patent Number:	8898280
Patent Number:	8917739
Patent Number:	8935765
Patent Number:	9237127
Patent Number:	9270477
Patent Number:	9419876
Patent Number:	9432862
Patent Number:	9942122
Patent Number:	10009239
Patent Number:	10122599
Patent Number:	10230604
Patent Number:	10284435
Patent Number:	10284444
Patent Number:	10284452
Patent Number:	10314052
Patent Number:	10394759
Patent Number:	10397071
Patent Number:	10467087
Patent Number:	10769160
Patent Number:	10965539
Application Number:	13874998
Application Number:	15913470
Application Number:	15704880
Application Number:	14218718
Application Number:	14041034

CORRESPONDENCE DATA

Fax Number:

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ATTORNEY DOCKET NUMBER:	1568010.00001
NAME OF SUBMITTER:	CHRISTINA LONDON
SIGNATURE:	/christina london/
DATE SIGNED:	09/23/2021

Total Attachments: 6

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PATENT ASSIGNMENT

WHEREAS, AirMagnet, Inc., hereinafter "Assignor", a corporation operating under the laws of the State of California, having a principle place of business at 2575 Augustine Drive, Santa Clara, California 95054, is the owner of the entire right, title and interest in and to certain patents and patent applications listed on the Schedule annexed hereto (collectively referred to as the "Patents"); and

WHEREAS, **Netscout Systems, Inc.**, hereinafter "Assignee", a corporation operating under the laws of the State of Delaware and having a principal place of business at 310 Littleton Road, Westford, Massachusetts 01886, is desirous of acquiring all right, title and interest in and to the Patents; and

NOW, THEREFORE, in consideration of Ten Dollars ($10.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the Patents, including the right to sue for past infringement, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Patents in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to said Patents, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Patents, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said Patents, or any proceeding in connection with any Patents in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or

continuation-in-part of any application for Patents, or any reissue, reexamination or extension of any Patents, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Patents of the United States to Assignee, as Assignee of said inventions and the Patents to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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IN WITNESS WHEREOF, each party has caused the Agreement to be executed by its duly authorized representative on this 13th day of September, 2021.

AIRMAGNET, INC.
Assignor

By: _____
Name: Gregory Sloan
Title: Director, VP & Corporate Controller

NETSCOUT SYSTEMS, INC.,
Assignee

By: Jean bua
Name: Jean Bua
Title: Chief Financial Officer

SCHEDULE A

UNITED STATES PATENTS

No.	Title	Patent No.
1.	HAND-HELD DIAGNOSTIC TOOL	D833308
2.	WIRELESS NETWORK MONITOR	D694233
3.	TABLET COMPUTER CASE	D668649
4.	METHOD AND APPARATUS FOR PERFORMING SERVICE LEVEL ANALYSIS OF COMMUNICATIONS NETWORK PERFROMANCE METRICS	6058102
5.	METHOD AND APPARATUS FOR PERFORMING IN-SERVICE QUALITY OF SERVICE TESTING	6147998
6.	AUTOMATIC TRANSMIT-RECEIVE PATH CONFIGURATION FOR A NETWORK TESTER	6628619
7.	APPARATUS AND METHOD FOR LINE PAIR TESTING FAULT DIAGNOSTICS	6763108
8.	NETWORK SWITCH DISCOVERY METHOD AND APPARATUS	7035266
9.	DETECTING A HIDDEN NODE IN A WIRELESS LOCAL AREA NETWORK	7130289
10.	NETWORK BRIDGE UPLINK PORT IDENTIFICATION	7394773
11.	DISRUPTING AN AD-HOC WIRELESS NETWORK	7596109
12.	METHODS AND APPARATUS FOR IDENTIFYING CHRONIC PERFORMANCE PROBLEMS ON DATA NETWORKS	7599308
13.	DETECTING AN UNAUTHORIZED STATION IN A WIRELESS LOCAL AREA NETWORK	7711809
14.	METHOD, COMPUTER READABLE MEDIUM AND SYSTEM FOR ANALYZING AND MANAGEMENT OF APPLICATION TRAFFIC ON NETWORKS	7804787
15.	METHODS AND SYSTEMS FOR NETWORK CHANNEL CAPACITY PLANNING, MEASURING AND ANALYZING OF WLAN NETWORKS	7817581
16.	METHOD AND APPARATUS OF END-USER RESPONSE TIME DETERMINATION FOR BOTH TCP AND NON-TCP PROTOCOLS	7958190
17.	LIST-BASED ALERTING IN TRAFFIC MONITORING	7969893
18.	FREE STRING MATCH ENCODING AND PREVIEW	7996523
19.	METHODS AND APPARATUS FOR IP MANAGEMENT TRAFFIC CONSOLIDATION	8050268
20.	METHOD AND APPARATUS OF DUPLICATE PACKET DETECTION AND DISCARD - US PATENT	8089869
21.	SHIELDING IN WIRELESS NETWORKS	8122243
22.	METHOD AND APPARATUS OF FILTERING STATISTIC, FLOW AND TRANSACTION DATA ON CLIENT/SERVER	8195793
23.	METHODS AND APPARATUS FOR DETERMINING AND DISPLAYING A TRANSACTION RESET METRIC	8248934
24.	TRACING AN ACCESS POINT IN A WIRELESS NETWORK	8437263

No.	Title	Patent No.
25.	TRANSACTION STORAGE DETERMINATION VIA PATTERN MATCHING	8443075
26.	METHOD AND APPARATUS FOR MONITORING NETWORK TRAFFIC AND DETERMINING THE TIMING ASSOCIATED WITH AN APPLICATION	8489679
27.	METHOD AND APPARATUS FOR EFFICIENT NETFLOW DATA ANALYSIS	8510830
28.	METHOD AND SYSTEM FOR ANALYZING RF SIGNALS IN ORDER TO DETECT AND CLASSIFY ACTIVELY TRANSMITTING RF DEVICES	8514729
29.	METHOD AND APPARATUS FOR DYNAMIC HOST OPERATING SYSTEM FIREWALL CONFIGURATION	8724475
30.	METHOD AND APPARATUS FOR STREAMING NETFLOW DATA ANALYSIS	8782092
31.	METHOD AND APPARATUS FOR THE CONTINUOUS COLLECTION AND CORRELATION OF APPLICATION TRANSACTIONS ACROSS ALL TIERS OF AN N-TIER APPLICATION	8837296
32.	METHOD AND APPARATUS TO DETERMINE THE AMOUNT OF DELAY IN THE TRANSFER OF DATA ASSOCIATED WITH A TCP ZERO WINDOW EVENT OR SET OF TCP ZERO WINDOW EVENTS	8849994
33.	METHODS AND APPARATUS FOR DETERMINING AND DISPLAYING WAN OPTIMIZATION ATTRIBUTES FOR INDIVIDUAL TRANSACTIONS	8898280
34.	METHOD AND APPARATUS TO DYNAMICALLY SAMPLE NRT USING A DOUBLE-ENDED QUEUE THAT ALLOWS FOR SEAMLESS TRANSITION FROM FULL NRT ANALYSIS TO SAMPLED NRT ANALYSIS	8917739
35.	METHOD TO ENABLE MOBILE DEVICES TO RENDEZVOUS IN A COMMUNICATION NETWORK	8935765
36.	METHOD AND APPARATUS FOR DYNAMIC HOST SYSTEM FIREWALL CONFIGURATION	9237127
37.	METHOD AND APPARATUS OF MEASURING AND REPORTING DATA GAP FROM WITHIN AN ANALYSIS TOOL	9270477
38.	METHODS AND APPARATUS TO DETERMINE NETWORK DELAY WITH LOCATION INDEPENDENCE FROM RETRANSMISSION DELAY AND APPLICATION RESPONSE TIME	9419876
39.	OTA MOBILE DEVICE CLASSIFICATION	9432862
40.	FAST PACKET RETRIEVAL BASED ON FLOW ID AND METADATA	9942122
41.	METHOD AND APPARATUS OF ESTIMATING CONVERSATION IN A DISTRIBUTED NETFLOW ENVIRONMENT	10009239
42.	METHOD AND APPARATUS FOR DYNAMICALLY SCALING APPLICATION PERFORMANCE ANALYSIS COMPLETENESS BASED ON AVAILABLE SYSTEM RESOURCES	10122599

No.	Title	Patent No.
43.	SYSTEM AND METHOD TO MONITOR NETWORK DELAY	10230604
44.	METHOD TO VISUALIZE END USER RESPONSE TIME	10284435
45.	N-TIERED EURT BREAKDOWN GRAPH FOR PROBLEM DOMAIN ISOLATION	10284444
46.	VoIP QUALITY TEST VIA MANUAL PHONE CALL INTO VoIP MONITORING SYSTEM	10284452
47.	SYSTEM AND METHOD FOR RECOMMENDING A CHANNEL FOR WIRELESS COMMUNICATION	10314052
48.	SYSTEM AND METHOD TO CONFIGURE DISTRIBUTED MEASURING DEVICES AND TREAT MEASUREMENT DATA	10394759
49.	AUTOMATED DEPLOYMENT OF CLOUD-HOSTED, DISTRIBUTED NETWORK MONITORING AGENTS	10397071
50.	PLATO ANOMALY DETECTION ALGORITHM	10467087
51.	EFFICIENT STORAGE AND QUERYING OF TIME SERIES METRICS	10769160
52.	SYSTEM AND METHOD FOR DISTRIBUTED TESTING OF END-TO-END PERFORMANCE OF A SERVER	10965539

UNITED STATES PATENT APPLICATIONS

No.	Title	Patent Application No.
53	FLOOR ALIGNMENT IN MULTI-FLOOR BUILDING	13/874,998
54	METHODS AND APPARATUS TO DETERMINE NETWORK DELAY WITH LOCATION INDEPENDENCE	15/913,470
55	DETERMINING WIRELESS NETWORK DEVICE LOCATION	15/704,880
56	METHODS AND APPARATUS TO DETERMINE NETWORK DELAY WITH LOCATION INDEPENDENCE	14/218,718
57	DETECTING THE PRESENCE OF ROGUE FEMTOCELLS IN ENTERPRISE NETWORKS	14/041,034