

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Raghu Anantharangachar et al.	§ § § § § § § § § §	Confirmation No.:	6035
Serial No.:	10/753,841		Group Art Unit:	2157
Filed:	01/08/2004		Examiner:	A. E. Salad
For:	Method And System For Modelling A Communications Network		Docket No.:	700205008-1

RESPONSE TO OFFICE ACTION DATED AUGUST 10, 2007

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Date: November 7, 2007

AMENDMENT

Sir:

In response to the Office Action of August 10, 2007, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Exhibit 2007
ServiceNow v. HP
IPR2015-00631

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of modelling a communications network using a computer system, the method including:

generating a network representation using computer-readable code, the computer-readable code representing structured information;

parsing the network representation;

generating a network model using the parsed network representation, the network model including a plurality of network objects and relationships between the plurality of network objects; ~~and~~

storing the network model in memory; and

processing a network event using the network model, wherein the processing includes identifying one or more network objects of the plurality of network objects, and the processing further includes determining an order of operation on the one or more network objects.

2. (Canceled).

3. (Original) A method according to claim 1 wherein the network representation includes at least one of the following:

circuit level index;

circuit type identification;

order of operation indication;

delete circuit identification;

underlying circuit index;

underlying link index;

delete object identification;

Appl. No. 10/753,841
Amdt. dated November 7, 2007
Reply to Office Action of August 10, 2007

parent circuit identification; and
child circuit identification.

4. (Original) A method according to claim 2 wherein the network representation is generated at startup.
5. (Original) A method according to claim 2 wherein the network representation is generated at reconfiguration.
6. (Original) A method according to claim 2 wherein the network event comprises at least one of provisioning, circuit provisioning, service provisioning, switch provisioning, rollback, and delete.
7. (Original) A method according to claim 1 wherein the network model includes a middleware bus.
8. (Original) A method according to claim 1 wherein the computer-readable code is in extensible mark-up language (XML).
9. (Canceled).
10. (Original) A method according to claim 1, further including:
generating a graphical representation of the network model; and
displaying the graphical representation on a display monitor.
11. (Original) A method according to claim 10 wherein the graphical representation is a graphical user interface, and wherein the graphical user interface is used to modify the network model.

Appl. No. 10/753,841
Amdt. dated November 7, 2007
Reply to Office Action of August 10, 2007

12. (Original) A method of modelling a communications network using a computer system, the method including:

generating a network representation in extensible mark-up language (XML);

parsing the network representation;

generating a network model using the parsed network representation, the network model including a plurality of network objects and relationships between the plurality of network objects;

storing the network model in memory; and

processing a network event using the network model, wherein processing the network event includes identifying one or more of the plurality of network objects, and determining an order of operation on the one or more of the plurality of network objects.

13. (Currently amended) A system for modelling a communications network, the system including:

one or more processors;

one or more memories coupled to the one or more processors; and

program instructions stored in the one or more memories, the one or more processors being operable to execute the program instructions, the program instructions including:

generating a network representation using computer-readable code;

parsing the network representation;

generating a network model using the parsed network representation, the network model including a plurality of network objects; and

storing the network model in the one or more memories;

processing a network event using the network model, wherein processing the network event includes identifying one or more network

Appl. No. 10/753,841
Amdt. dated November 7, 2007
Reply to Office Action of August 10, 2007

objects of the plurality of network objects, and determining an order of operation on the one or more network objects.

14. (Original) A system according to claim 13 wherein the computer-readable code is in extensible mark-up language (XML).
15. (Original) A system according to claim 13 wherein the network representation is generated at startup.
16. (Original) A system according to claim 13 wherein the network representation is generated at reconfiguration.
17. (Original) A system according to claim 13 wherein the network model includes a middleware bus.
18. (Original) A system according to claim 13 wherein the program instructions further include:
 - generating a graphical representation of the network representation; and
 - displaying the graphical representation on a display monitor.
19. (Original) A system according to claim 18 wherein the graphical representation is a graphical user interface, and wherein the graphical user interface is used to modify the network model.
20. (Original) A system for modelling a communications network, the system including:
 - one or more processors;
 - one or more memories coupled to the one or more processors; and
 - program instructions stored in the one or more memories, the one or more processors being operable to execute the program instructions, the program instructions including:

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.