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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Bonnell et al.	RECEIVED
Serial No.:	08/316,034	OCT 02 1996
Filing Date:	September 30, 1994	GROUP 2300
Group Art Unit:	2317	
Examiner:	Chen, D.	
Title:	Method and Apparatus for Managing a Computer Network	

Honorable Commissioner of

Patent and Trademarks

Washington, D.C.   20231

Dear Sir:

In response to the Official Action mailed March 21, 1996, Applicants respectfully request the Examiner to reconsider the rejection of the claims in view of the following amendments thereto, and the comments as set forth below. Please amend the Application as follows.

IN THE TITLE

Delete the previous title and insert therefore "-- SYSTEM FOR MANAGING COMPUTER RESOURCES ACROSS A DISTRIBUTED COMPUTING ENVIRONMENT --".

IN THE SPECIFICATION

Delete the word "discovery" and insert therefore "--monitoring--" in line 3 of page 15 of the specification.

IN THE DRAWINGS

Please amend the drawing showing step 142 in figure 9 to indicate that a "monitoring" procedure should be executed instead of a "discovery" procedure. A substitute drawing is attached with the drawing correction marked in red ink pursuant to 37 C.F.R. § 1.123 and MPEP rule 608.02(p) and (v).

IN THE CLAIMS
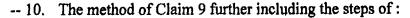
Please add the following claims: --

-- 9.   A method of monitoring a computer network that includes a network management computer system and a server computer system, comprising the steps of:

(a) reading, from a storage device coupled to the server computer system, discovery information about how to determine whether a resource is present on the server computer system;

(b) finding, on the storage device, instructions that are referred to in the discovery information, that are written in an interpretable high-level computer

programming language, and that are stored on the storage device in their uninterpreted form;

     (c) interpreting the instructions for the purpose of collecting data for use in determining whether the resource is present on the server computer system;

     (d) determining, responsive to the collected data, whether the resource is present on the server computer system;

     (e) responsive to the determination of step (d), sending a first transmission from the server computer system to the network management computer system, said first transmission containing information about the resource;

     (f) receiving a second transmission from the network management computer system to the server computer system, said second transmission containing information for monitoring or managing the resource; and

     (g) gathering information about the resource responsive to the information contained in said second transmission.--

-- 10. The method of Claim 9 further including the steps of :

     (h) determining, responsive to a stored threshold and to information gathered in step (f), whether an event has occurred; and

     (i) sending a third transmission from the server computer system to the network management computer system, said third transmission containing information about said event.--

-- 11. The method of Claim 10 further including the step of executing recovery actions responsive to said event detected in step (h).--

-- 12. The method of Claim 11 wherein said recovery actions are specified by information contained in said second transmission.--

-- 13. The method of Claim 11 wherein said recovery actions are specified by information stored on the server computer system.--

--14.   The method of Claim 11 wherein said recovery actions are comprised of instructions written in an interpretable high-level computer programming language.--

REMARKS

This Application has been carefully reviewed in light of the Official Action mailed March 21, 1996. The title, specification, and drawings have been amended in this Application. Additionally, Claims 9 through 14 have been added. Applicants respectfully request reconsideration of and favorable action on the rejected and new claims in this Application.

The Title Changes

The Examiner has suggested that the title be changed to more clearly indicate the invention to which the claims are directed.

Pursuant to the suggestion of the Examiner, the title has been changed to more clearly state the object of the present invention.

The Drawing Changes

The drawings have been amended to make a correction to step 142 of figure 9. The description of step 142 of figure 9 should indicate that a "monitoring" procedure should be executed instead of a "discovery" procedure. This change is necessary to correct a mistake in the drawings and does not introduce new matter to this Application. The mistake in the drawing is made readily apparent when the descriptions of steps 142 and 144 of figure 9 are compared to the descriptions of steps 116 and 118 of figure 8. Figure 8 depicts the "discovery" procedure, and figure 9 depicts the "monitoring" procedure.

A substitute drawing is attached with the drawing correction marked in red ink pursuant to 37 C.F.R. § 1.123 and MPEP rule 608.02(p) and (v).

The Specification Changes

The specification has been amended to reflect the correction to figure 9.

The New Claims

Claims 9 through 14 have been added to further describe the inventive concept. Support for Claim 9 is found in the specification on page 14, lines 16-21 and page 15, lines 1-23. Support for Claim 10 is found in the specification on page 15, lines 21-23 and page 16, lines 1-7. Support for Claim 11 is found in the specification on page 16, lines 1-7. Support for Claim 12 is found in the specification on page 14, lines 19-21. Support for Claim 13 is found in the specification on page 16, lines 2-5 and lines 10-12. Support for Claim 14 is found in the specification on page 16, lines 8-9 and lines 17-23.

RESPONSE TO THE REJECTIONS

I. The First Rejection

Claim 1 has been rejected by the Examiner under 35 U.S.C. § 102(e) as being anticipated by Bauer et al. (5,367,635). The Examiner specifically found that Bauer teaches a method of determining whether a resource is present on a computer system comprising the steps of:

(a) reading, from a storage device coupled to a computer system, discovery information (objects in configuration file 208 of Fig. 2) about how to determine whether the resource is present on the computer system (col.4 lines 37-39; col.2 lines 42-50; col.7 line 7);

(b) finding, on the storage device, instructions that are referred to in the discovery information, that are written in an interpretable high-level computer programming language, and that are stored in their uninterpreted form (col.7 lines 8-11);

(c) interpreting the instructions for the purpose of collecting data for use in determining whether the resource is present on the computer system (col.8 lines 1-4); and

(d) determining, responsive to the collected data, whether the resource is present on the computer system (col.5 lines 18-21)."

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