



[54] METHOD AND SYSTEM FOR AUTOMATICALLY DISPLAYING AND CONFIGURING A NETWORK MONITORING SYSTEM

FOREIGN PATENT DOCUMENTS

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Primary Examiner—Heather R. Herndon

[75] Inventor: Michael A. Hotka, Garland, Tex.

[73] Assignee: Alcatel Network Systems, Inc., Richardson, Tex.

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[57] ABSTRACT

A method and system that provides several pre-defined user templates that may be combined in various ways to represent all known network configurations of a digital cross-connect network. The system interrogates the user concerning the network configuration. The results of the interrogations determine the type of network monitor and control system configuration templates that the user will see. The system creates a database as a result of the combination of the templates and places on line the user templates and associated software to represent of the entire digital cross-connect network. This monitoring system can be used to not only vividly display the node from which a component error comes, but can illustrate the specific sub-component that provides the error and a representation of the various error lights that appear on the sub-component. The representation that the system displays appears on a computer screen and the accompanying software further allows the user to monitor, to replace, or add to remotely located patching devices in response to situations at the remote locations.

12 Claims, 8 Drawing Sheets

