

Exhibit 3

(12) **United States Patent**
Holt et al.

(10) **Patent No.:** **US 6,732,147 B1**
(45) **Date of Patent:** **May 4, 2004**

(54) **LEAVING A BROADCAST CHANNEL**

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(73) Assignee: **The Boeing Company**, Seattle, WA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 719 days.

(21) Appl. No.: **09/629,577**

(22) Filed: **Jul. 31, 2000**

(51) **Int. Cl.⁷** **G06F 15/16**

(52) **U.S. Cl.** **709/204; 709/227**

(58) **Field of Search** **709/204, 227, 709/217**

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Primary Examiner—Patrice Winder

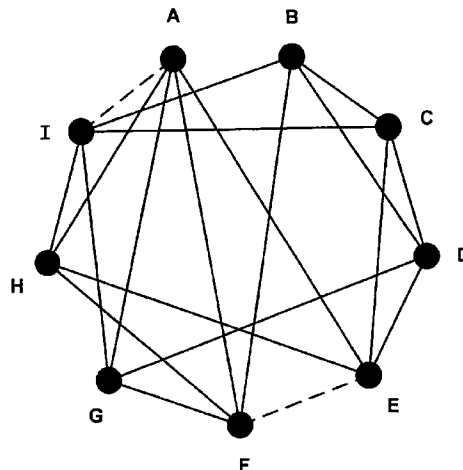
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(57) **ABSTRACT**

A method for leaving a multicast computer network is disclosed. The method allows for the disconnection of a first computer from a second computer. When the first computer decides to disconnect from the second computer, the first computer sends a disconnect message to the second computer. Then, when the second computer receives the disconnect message from the first computer, the second computer broadcasts a connection port search message to find a third computer to which it can connect.

16 Claims, 39 Drawing Sheets



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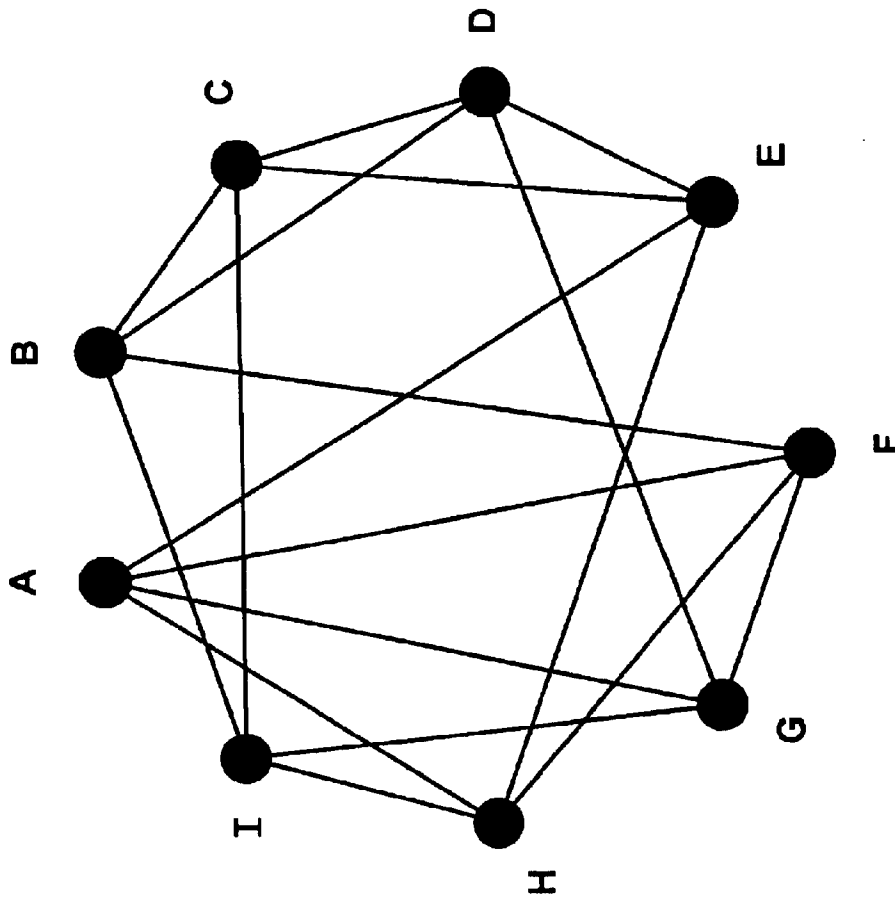


Fig. 1

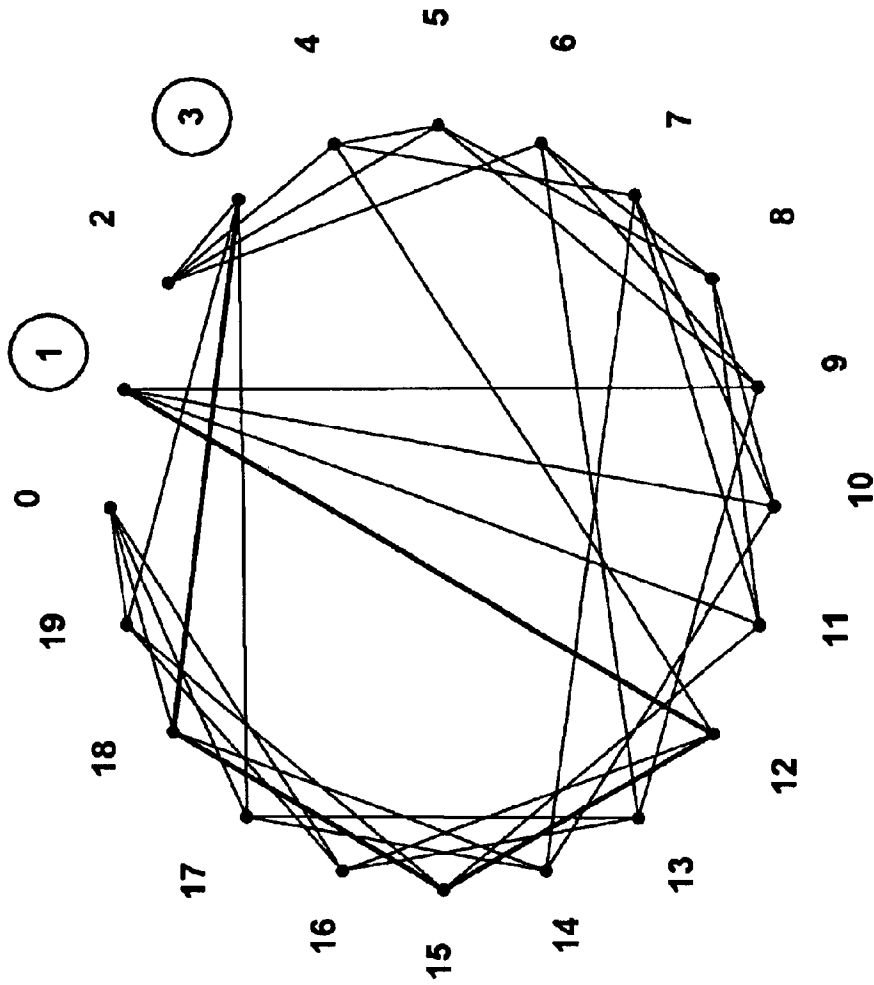


Fig. 2

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