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**(12) United States Patent  
Rosenberg****(10) Patent No.: US 7,636,805 B2  
(45) Date of Patent: Dec. 22, 2009****(54) METHOD AND APPARATUS FOR  
COMMUNICATING DATA BETWEEN TWO  
HOSTS****(75) Inventor: Aron Rosenberg, Berkeley, CA (US)****(73) Assignee: Logitech Europe S.A. (CH)****(\*) Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 277 days.**(21) Appl. No.: 10/833,363****(22) Filed: Apr. 28, 2004****(65) Prior Publication Data**

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**Related U.S. Application Data****(60)** Provisional application No. 60/512,667, filed on Oct. 20, 2003.**(51) Int. Cl.**  
**G06F 13/12** (2006.01)**(52) U.S. Cl.** ..... 710/72; 710/33; 710/65;  
718/1; 718/107; 370/260**(58) Field of Classification Search** ..... None  
See application file for complete search history.**(56) References Cited****U.S. PATENT DOCUMENTS**5,790,180 A \* 8/1998 Wild ..... 348/14.11  
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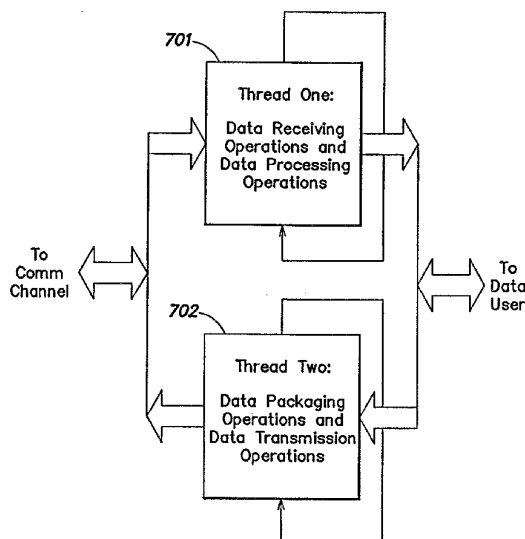
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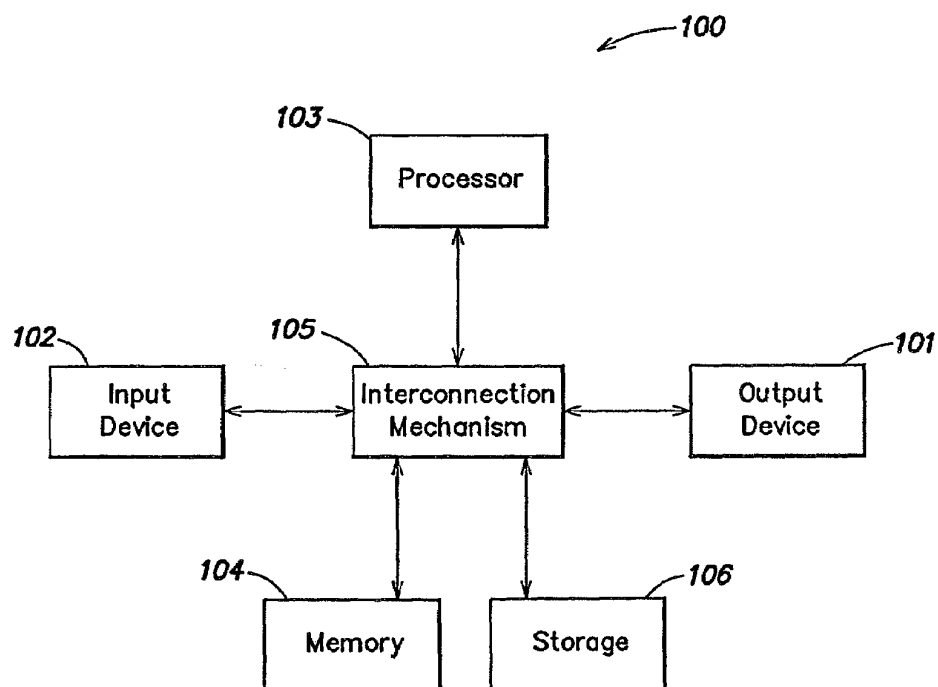
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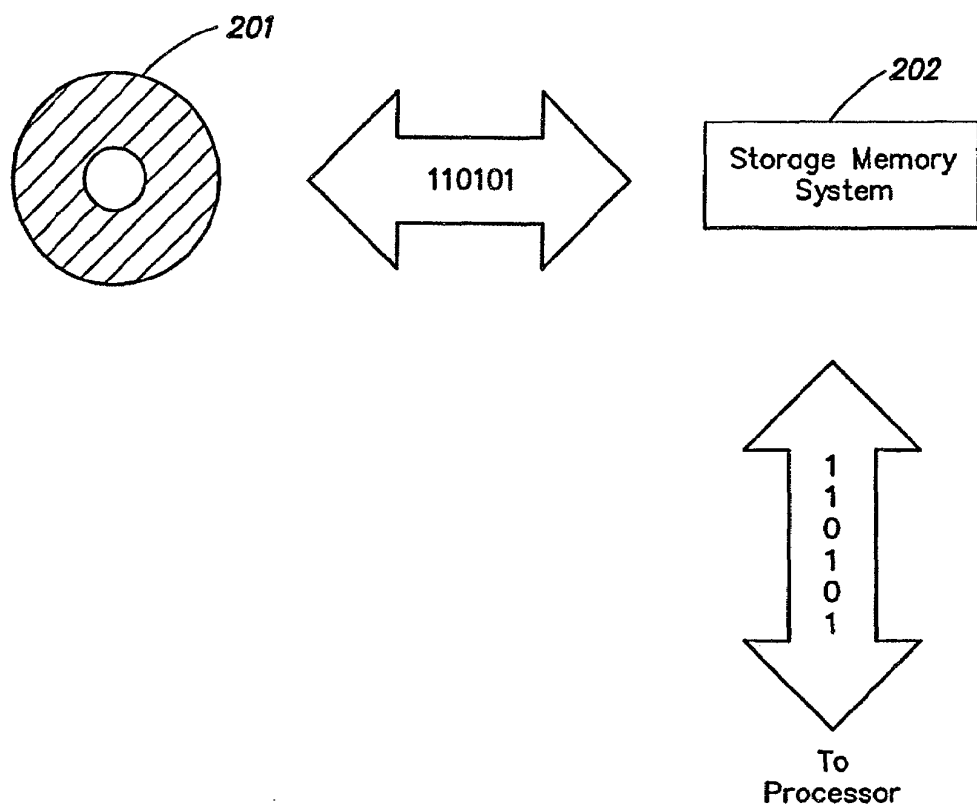
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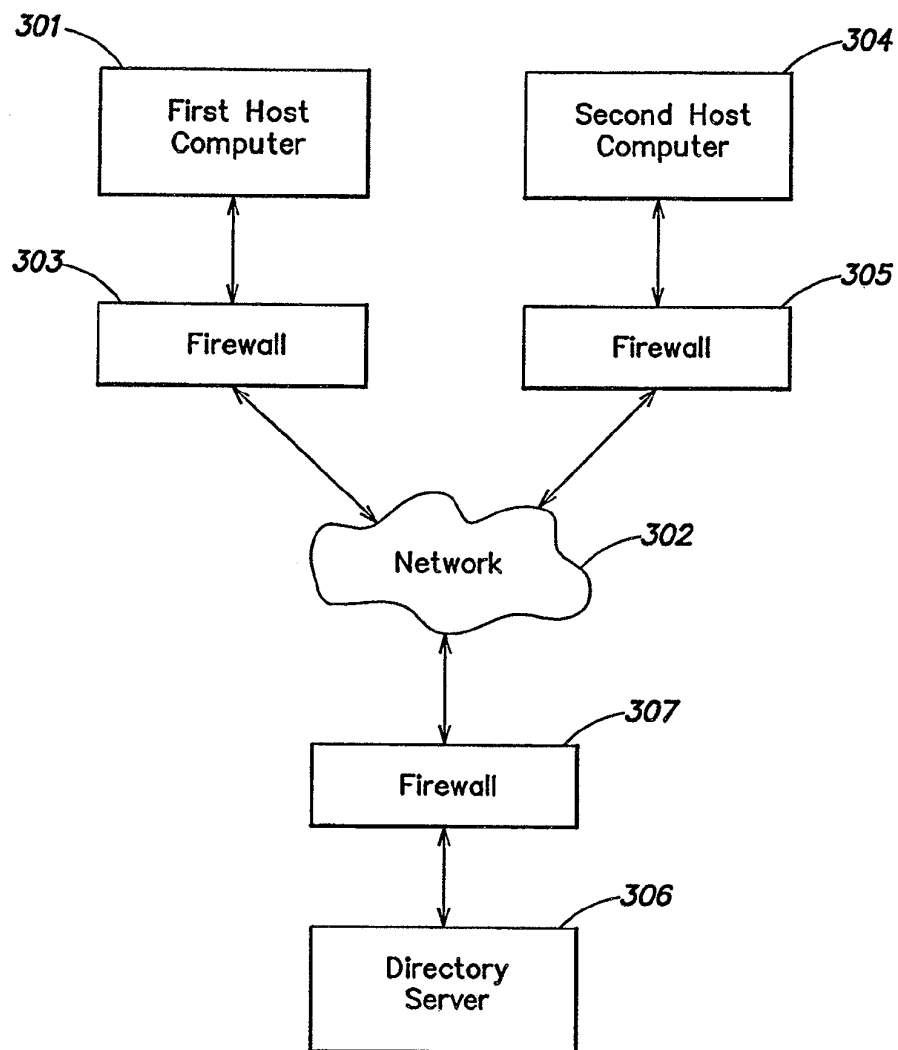
**(57) ABSTRACT**

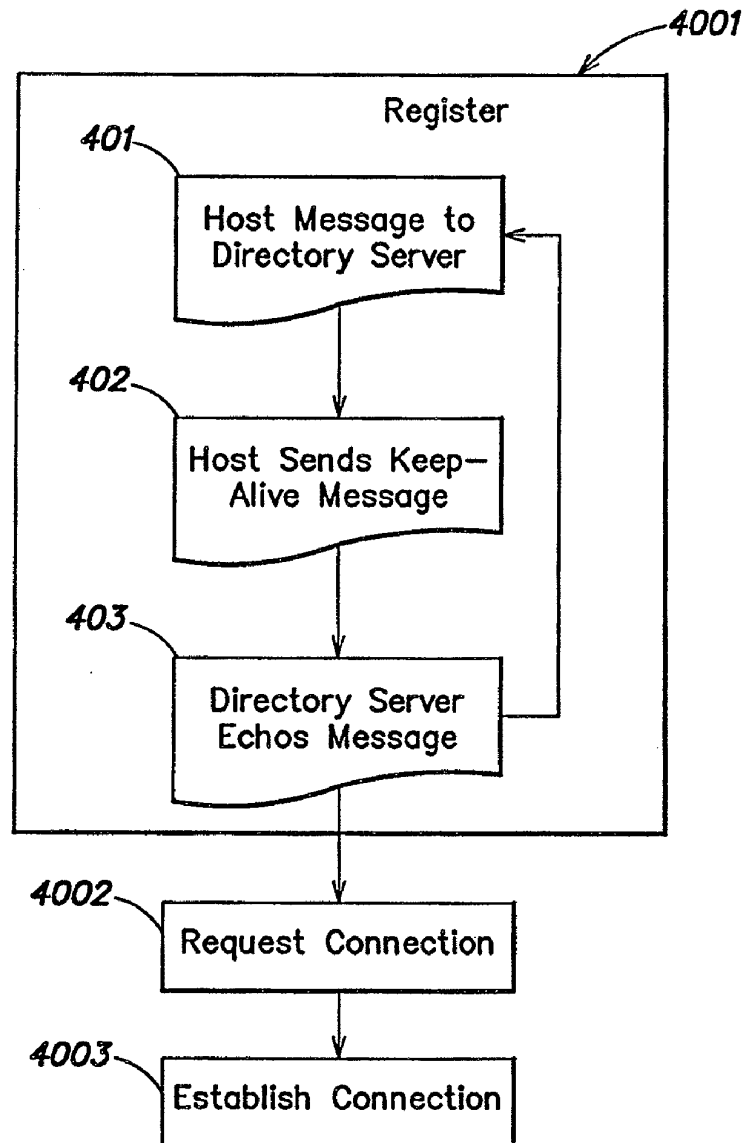
A method for communicating video data between a first host and a second host. The method may comprise encoding a video signal producing an encoded video signal at the first host. The method may also comprise transmitting, by the first host, the encoded video signal to the second host. The encoding and transmitting may both be performed by a first single multimedia thread of execution associated with an operating system at the first host. Other embodiments are also disclosed.

**12 Claims, 7 Drawing Sheets**

**FIG. 1**

**FIG. 2**

**FIG. 3**

**FIG. 4**

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