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Balassanian

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(54) **METHOD AND SYSTEM FOR DATA DEMULTIPLEXING**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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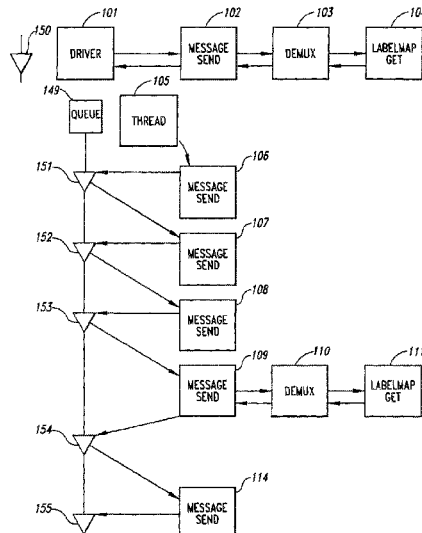
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(57) **ABSTRACT**

The demultiplexing system receives packets of a message, identifies a sequence of message handlers for processing the message, identifies state information associated with the message for each message handler, and invokes the message handlers passing the message and the associated state information. The system identifies the message handlers based on the initial data type of the message and a target data type. The identified message handlers effect the conversion of the data to the target data type through various intermediate data types.

1 Claim, 16 Drawing Sheets



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continuation of application No. 14/230,952, filed on Mar. 31, 2014, now Pat. No. 9,270,790, which is a continuation of application No. 13/911,324, filed on Jun. 6, 2013, now Pat. No. 8,694,683, which is a continuation of application No. 13/236,090, filed on Sep. 19, 2011, now abandoned, which is a continuation of application No. 10/636,314, filed on Aug. 6, 2003, now Pat. No. 8,055,786, which is a continuation of application No. 09/474,664, filed on Dec. 29, 1999, now Pat. No. 6,629,163.

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- Aug. 26, 2008 Defendant Sun Microsystems, Inc.'s Answer to Complaint.
- Aug. 27, 2008 Defendant Advanced Micro Devices, Inc.'s Answer to Complaint for Patent Infringement.
- Aug. 27, 2008 RealNetworks, Inc.'s Answer to Implicit Networks, Inc.'s Original Complaint for Patent Infringement, Affirmative Defenses, and Counterclaims.
- Aug. 27, 2008 Intel Corp.'s Answer, Defenses and Counterclaims.
- Aug. 27, 2008 Defendant Rmi Corporation's Answer to Plaintiff's Original Complaint.
- Sep. 15, 2008 Plaintiff's Reply to Sun Microsystems Inc.'s Counterclaims.
- Sep. 16, 2008 Plaintiff's Reply to RealNetworks, Inc.'s Counterclaims.
- Sep. 16, 2008 Plaintiff's Reply to Intel Corp.'s Counterclaims.
- Dec. 10, 2008 Order granting Stipulated Motion for Dismissal with Prejudice re Nvidia Corporation, Inc.
- Dec. 16, 2008 Defendants AMD, RealNetworks, RMI, and Sun's Motion to Stay Pending the Patent and Trademark Office's Reexamination of the '163 Patent.
- Dec. 29, 2008 Order granting Stipulated Motion for Dismissal without Prejudice of Claims re Sun Microsystems, Inc.
- Jan. 5, 2009 Plaintiff's Opposition to Defendants AMD, RealNetworks, RMI, and Sun's Motion to Stay Pending Reexamination and Exhibit A.
- Jan. 9, 2009 Reply of Defendants AMD, RealNetworks, RMI, and Sun's Motion to Stay Pending the Patent and Trademark Office's Reexamination of the '163 Patent.
- Feb. 9, 2009 Order Granting Stay Pending the United States Patent and Trademark Office's Reexamination of U.S. Pat. No. 6,629,163.
- Feb. 17, 2009 Order Granting Stipulated Motion for Dismissal of Advanced Micro Devices, Inc. with Prejudice.
- May 14, 2009 Order Granting Stipulated Motion for Dismissal of RMI Corporation with Prejudice.
- Oct. 13, 2009 Order Granting Stipulated Motion for Dismissal of Claims Against and Counterclaims by Intel Corporation.
- Oct. 30, 2009 Executed Order for Stipulated Motion for Dismissal of Claims Against and Counterclaims by RealNetworks, Inc.
- Implicit Networks, Inc. v. Microsoft Corp.*, C09-5628 HLR; USDC for the Northern District of California, San Francisco Division.
- Nov. 30, 2009 Plaintiff's Original Complaint, *Implicit v. Microsoft*, Case No. Sep. 5628.
- Jan. 22, 2010 Order Dismissing Case, *Implicit v. Microsoft*, Case No. Sep. 5628.
- Implicit Networks, Inc. v. Cisco Systems, Inc.*, C10-3606 HRL; USDC for the Northern District of California, San Francisco Division.
- Aug. 16, 2010 Plaintiff's Original Complaint, *Implicit v. Cisco*, Case No. 10-3606.
- Nov. 22, 2010 Defendant Cisco Systems, Inc.'s Answer and Counterclaims, *Implicit v. Cisco*, Case No. 10-3606.
- Dec. 13, 2010 Plaintiff, *Implicit Networks, Inc.*'s, Answer to Counterclaims, *Implicit v. Cisco*, Case No. 10-3606.
- Oct. 4, 2011 Order of Dismissal with Prejudice, *Implicit v. Cisco*, Case No. 10-3606.
- Implicit Networks, Inc. v. Citrix Systems, Inc.*, C10-3766 JL; USDC for the Northern District of California, San Francisco Division.
- Aug. 24, 2010 Plaintiff's Original Complaint, *Implicit v. Citrix*, Case No. 10-3766.
- Dec. 1, 2010 Plaintiff's First Amended Complaint, *Implicit v. Citrix*, Case No. 10-3766.
- Jan. 14, 2011 Defendant Citrix Systems, Inc.'s Answer, Defenses and Counter-complaint for Declaratory Judgment, *Implicit v. Citrix*, Case No. 10-3766.
- Feb. 18, 2011 Plaintiff, *Implicit Networks, Inc.*'s, Answer to Defendants Counterclaims, *Implicit v. Citrix*, Case No. 10-3766.
- May 2, 2011 Order of Dismissal, *Implicit v. Citrix*, Case No. 10-3766.
- Implicit Networks, Inc. v. F5 Networks, Inc.*, C10-3365 JCS; USDC for the Northern District of California, San Francisco Division.
- Jul. 30, 2010 Plaintiff's Original Complaint, *Implicit v. F5*, Case No. 10-3365.
- Oct. 13, 2010 Defendants' Answer and Counter-Complaint, *Implicit v. F5*, Case No. 10-3365.
- Nov. 3, 2010 Plaintiff's Answer to Counter-Complaint, *Implicit v. F5*, Case No. 10-3365.
- Dec. 10, 2010 Plaintiff's First Amended Complaint, *Implicit v. F5*, Case No. 10-3365.
- Jan. 14, 2011 Defendants' Answer to 1st Amended Complaint and Counterclaim, *Implicit v. F5*, Case No. 10-3365.

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