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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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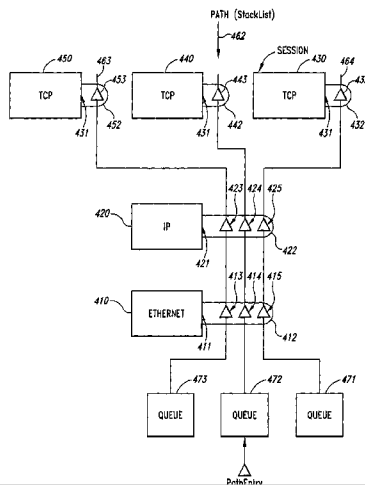
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(57) **ABSTRACT**

A method and system for demultiplexing packets of a message is provided. 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.

**20 Claims, 16 Drawing Sheets**



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Nov. 12, 2010 Juniper Network's Motion to Dismiss For Failure to State a Claim Under Rule 12(B)(6): Memorandum of Points and Authorities; *Implicit v Juniper*, Case No. 10-4234.

Nov. 12, 2010 Juniper Network's Request for Judicial Notice in Support of its Motion to Dismiss For Failure to State a Claim Under Rule 12(B)(6): Memorandum of Points and Authorities; *Implicit v Juniper*, Case No. 10-4234.

Dec. 1, 2010 First Amended Complaint; *Implicit v Juniper*, Case No. 10-4234.

Jan. 18, 2011 Juniper Networks, Inc.'s Answer and Affirmative Defenses to 1<sup>st</sup> Amended Complaint, *Implicit v Juniper*, Case No. 10-4234.

Feb. 18, 2011 Plaintiffs Answer to Defendant's Counterclaims, *Implicit v Juniper*, Case No. 10-4234.

May 23, 2011 Plaintiffs Disclosure of Asserted Claims and Infringement Contentions, *Implicit v Juniper*, Case No. 10-4234.

Nov. 15, 2011 Plaintiffs Amended Disclosure of Asserted Claim and Infringement Contentions, *Implicit v Juniper*, Case No. 10-4234.

Nov. 28, 2011 Spencer Hosie Declaration in Support of Plaintiffs

Nov. 28, 2011 Spencer Hosie Declaration in Support of Plaintiffs Opening Claim Construction Brief Exhibit E, *Implicit v Juniper*, Case No. 10-4234.

Nov. 28, 2011 Spencer Hosie Declaration in Support of Plaintiffs Opening Claim Construction Brief Exhibit J, *Implicit v Juniper*, Case No. 10-4234.

Nov. 28, 2011 Spencer Hosie Declaration in Support of Plaintiffs Opening Claim Construction Brief Exhibit K, *Implicit v Juniper*, Case No. 10-4234.

Nov. 28, 2011 Spencer Hosie Declaration in Support of Plaintiffs Opening Claim Construction Brief Exhibits M-O, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit B, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit F, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit N, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit P, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit Q, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit S., *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit T-1, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit T-2, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit T-3, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit T-4, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit U, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit V, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit W, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit X, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit Y-1, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit Y-2, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit Y-3, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants' Claim Construction Brief, Exhibit Y-4, *Implicit v Juniper*, Case No. 10-4234.

Dec. 12, 2011 Holly Hogan Declaration in Support of Defendants'

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