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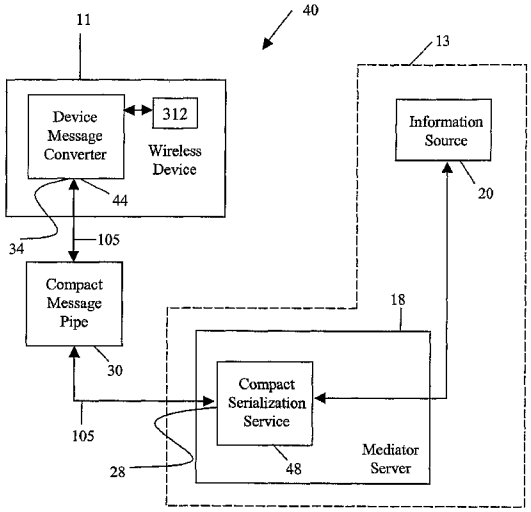
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(54) Title: SYSTEM AND METHOD OF COMPACT MESSAGING IN NETWORK COMMUNICATIONS



(57) Abstract: A method of compact messaging between a schema-based service and a device over a network, the device and the service having a predetermined knowledge of element descriptors shared between the device and the service based on a structured definition language. The method comprises the steps of: establishing communication between the service and the device; preparing a compact message including element data values by removing the element descriptors associated with the element data values; maintaining an order of the element data values based on a predetermined sequence of the element descriptors and the element data values; placing the element data values in respective delimiters for differentiating between adjacent ones of the element data values, the delimiters indicating a start and an end of a given sequence of the element data values; and sending the compact message over the network for subsequent interpretation upon reception using the shared predetermined knowledge of the element descriptors.

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