

**Claim Terms That Third-Parties Previously Proposed As Being Subject 35 U.S.C. § 112, Sixth F**

Claim	Term	Previously-Proposed Correspondence
'099 claim 1	“a parser subsystem ... the parser subsystem configured to examine the packet accepted by the buffer, extract selected portions of the accepted packet, and form a function of the selected portions sufficient to identify that the accepted packet is part of a conversational flow-sequence”	Pattern recognition engine 1006, extractor (slicer) 1007, and parser output buffer of the hardware parser subsystem of Fig. 21:60-67 and 22:14-63 of '099 Patent
'099 claim 1	“a lookup engine ... configured to determine using at least some of the selected portions of the accepted packet if there is an entry in the flow-entry database for the conversational flow sequence of the accepted packet”	Lookup/update engine (LUE) 1107 of Fig. 23:29-62 of '099 Patent
'099 claim 1	“a protocol/state identification mechanism ... the protocol/state identification engine configured to determine the protocol and state of the conversational flow of the packet”	state processor instruction database 300, state processor running the algorithm, as described in Fig. 25:3-26:44 of '099 Patent
'099 claim 1	“a state processor ... the state processor, configured to carry out any state operations specified in the state patterns/operations memory for the protocol and state of the flow of the packet, the carrying out of the state operations furthering the process of identifying which application program is associated with the conversational flow-sequence of the packet, the state processor progressing through a series of states and state operations until there are no more state operations to perform for the accepted packet, in which case the state processor updates the flow- entry, or	State processor (SP) 1108 of Figs. 11:14-15 of '099 Patent described at 25:3-26:44 of '099 Patent

<sup>1</sup> Ex. 1077 (*Ericsson Case Joint Claim Construction and Prehearing Statement*), 18-31; Ex. 1078 (*Patentee’s Open Claim Construction Brief in Cisco Case*), 33-34.

Claim	Term	Previously-Proposed Correspondence
	until a final state is reached that indicates that no more analysis of the flow is required, in which case the result of the analysis is announced”	
'646 claim 1	“a lookup engine ... configured to lookup whether a received packet belongs to a flow-entry in the flow- entry database, to looking up being the cache subsystem”	Lookup/update engine (LUE) 1107 of Figs. 11:10-11:43 described at 19:10-43 of '646 Patent
'646 claim 1	“a state processor ... the state processor being to perform any state operations specified for the state of the flow starting from the last encountered state of the flow in the case that the packet is from an existing flow, and to perform any state operations required for the initial state of the new flow in the case that the packet is from an existing flow”	State processor (SP) 1108 of Figs. 11:10-11:43 described at 20:49-22:20 of '646 Patent
'646 claim 2	“a parser subsystem ... the parser subsystem configured to extract identifying information from a received packet”	Pattern recognition engine (PRE) 1007 (slicer) 1007, and parser output buffer 1008 of Figs. 17:43-51 and 17:64-18:43 of '646 Patent
'646 claim 7	“a parser subsystem ... the parsing subsystem configured to extract selected portions of the accepted packet and to output a parser record containing the selected portions... wherein the operation of the parser subsystem depends on one or more of the protocols to which the packet conforms”	Pattern recognition engine (PRE) 1007 (slicer) 1007, and parser output buffer 1008 of Figs. 17:43-51 and 17:64-18:43 of '646 Patent

Claim	Term	Previously-Proposed Correspondence
'646 claim 7	“a lookup engine ... configured to lookup whether the particular packet whose parser record is output by the parser subsystem has a matching flow- entry, the looking up using at least some of the selected packet portions and determining if the packet is of an existing flow... the lookup engine configured such that if the packet is of an existing flow, the monitor classifies the packet as belonging to the found existing flow”	Lookup/update engine (LUE) 1107 of '646 Patent described at 19:10-43 of '646 Patent
'646 claim 7	“a flow insertion engine ... configured to create a flow-entry in the flow-entry database, the flow-entry including identifying information for future packets to be identified with the new flow-entry”	Flow insertion/deletion engine (FIDE) 12, as described at 19:30-35 and 22:2-12 of '646 Patent
'646 claim 16	“performing one or more parsing/extraction operations on the packet to create a parser record comprising a function of selected portions of the packet”	Acts of processing packet component 10, including extracting packet components and building a signature (steps 603-610), and hashing the signature element based on hash elements in the signature element database (steps 703-708) of '646 Patent described at 3:48-57 and 14:40-15:64
'751 claim 17	“an analyzer subsystem ... configured to lookup for each received packet whether a received packet belongs to a flow-entry in the flow-entry database, to update the flow-entry of the existing flow including storing one or more statistical measures kept in the flow-entry in the case that the packet is of an existing flow, and to store a new flow-entry for the new flow in the flow-entry database, including storing one or more statistical measures kept in the flow-entry if the packet is of a new flow”	UFKB buffer, a lookup/update engine (LUE), a processor (SP), a flow insertion and deletion engine (FIDE), a memory for storing the data, a cache coupled to the memory containing the data, a database, and a host bus interface, as described at 43, 20:18-53 of '751 Patent
'789	“performing one or more parsing/extraction operations on the packet to create a parser record comprising a function of	Acts of processing packet component 10, including extracting packet components and building a signature

Claim	Term	Previously-Proposed Correspondence
claim 1	selected portions of the packet”	signature (steps 603-610), and hashing element based on hash elements in packet element database (steps 703-708) of FIG. 1 described at 7:65-8:6 and 18:61-20:2
'789 claim 19	“a parser subsystem ... the parsing subsystem configured to extract selected portions of the accepted packet and to output a parser record containing the selected portions ... wherein the operation of the parser subsystem depends on one or more of the protocols to which the packet conforms”	Pattern recognition engine (PRE) 1007 (slicer) 1007, and parser output buffer 1008 of the hardware parser subsystem of FIG. 22:2-8 and 22:22-23:3 of '789 Patent
'789 claim 19	“a lookup engine ... configured to lookup whether the particular packet whose parser record is output by the parser subsystem has a matching flow- entry, the looking up using at least some of the selected packet portions and determining if the packet is of an existing flow... the lookup engine configured such that if the packet is of an existing flow, the monitor classifies the packet as belonging to the found existing flow”	Lookup/update engine (LUE) 1107 of FIG. 23:38-24:3 of '789 Patent
'789 claim 19	“a flow insertion engine ... configured to create a flow-entry in the flow-entry database, the flow-entry including identifying information for future packets to be identified with the new flow-entry ... if the packet is of a new flow, the flow insertion engine stores a new flow-entry for the new flow in the flow-entry database, including identifying information for future packets to be identified with the new flow-entry”	Flow insertion/deletion engine (FIDE) 12, as described at 23:58-63 and 26:5 of '789 Patent