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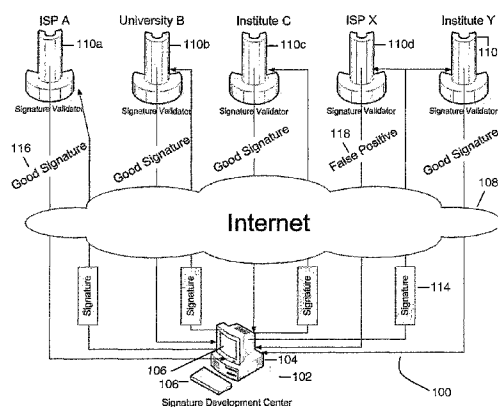


Figure 1

(57) Abstract: An apparatus for defining an index in an index file representing a volume of traffic a computer system comprises a data processing module. The data processing module defines an index corresponding to a traffic data sequence and a first parameter of the traffic data sequence in a first record of the index file. An apparatus for evaluating a candidate signature representing a pre-determined class of traffic in a computing system compares a signature data sequence with entries in an index file and determines whether the candidate signature satisfies an evaluation criterion.

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