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(54) Title: DATA SEGMENTATION USING CLUSTERING AND DECISION TREE

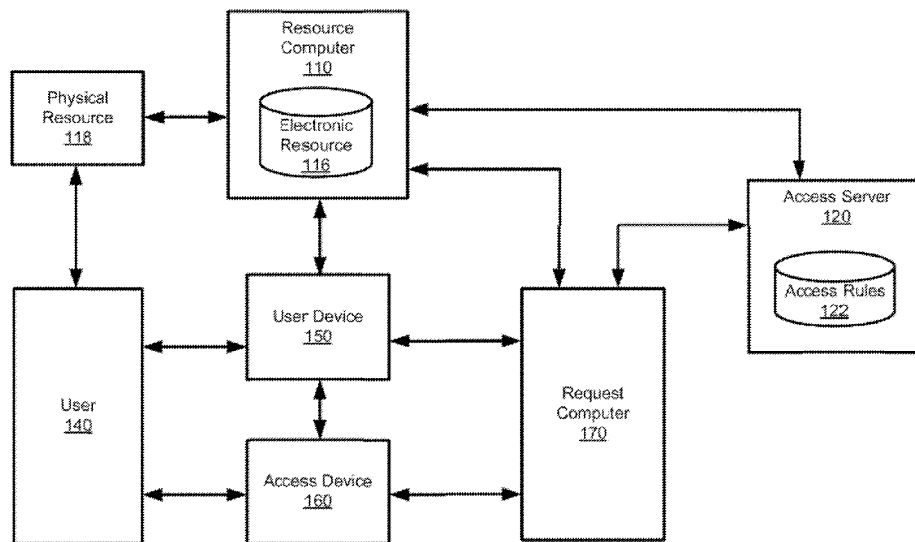


FIG. 1

(57) Abstract: Method includes receiving sets of historical access requests for resources from requestors. Each historical access request of each of the sets of historical access requests is associated with same requestor having a requestor identifier, where each requestor is associated with requestor feature. Requestor identifiers are clustered using requestor features to obtain clusters for requestor identifiers. Decision tree that segments requestor identifiers into segments is trained using clusters so that the segments match clusters obtained from clustering. The decision tree includes nodes, each node storing a rule. An application of decision tree on requestor features causes a segmentation being performed that replicates application of the clustering on requestor features to obtain clusters. Rules and architecture of the decision tree are transmitted to another computer system, allowing another computer system to perform segmentation using access requests for resources from requestors, where the access requests are stored locally on the other computer system.

[Continued on next page]

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