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(54) **METHODS AND SYSTEMS FOR IDENTIFYING MANIPULATED ARTICLES**

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(58) **Field of Classification Search** 715/738, 715/745, 746–748, 751, 805, 854
See application file for complete search history.

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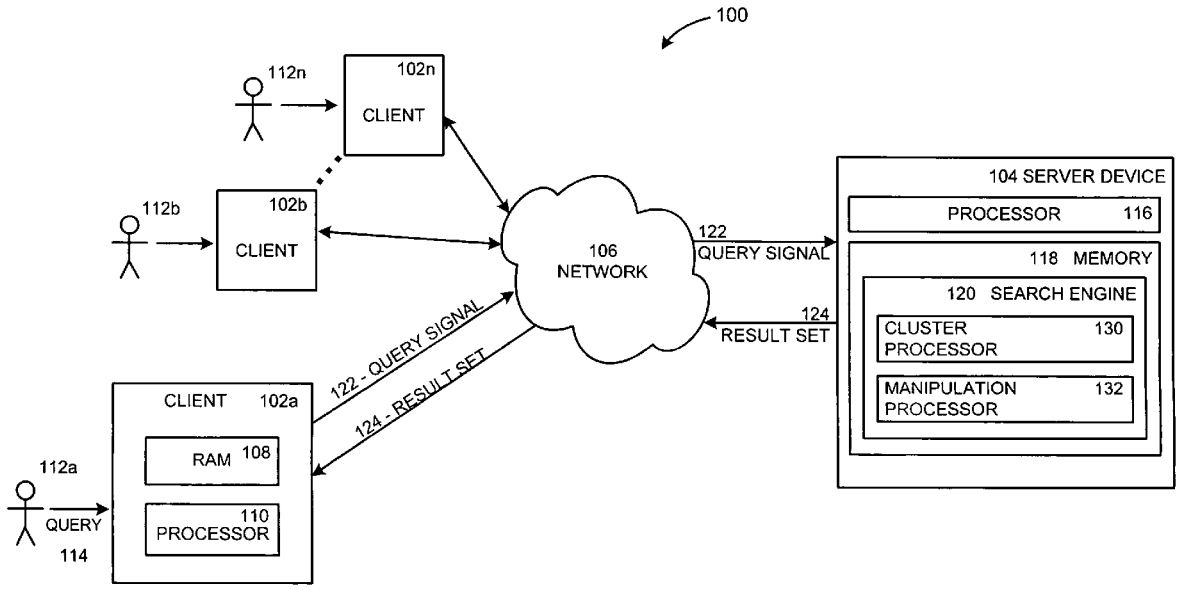
(57) **ABSTRACT**

Systems and methods that identify manipulated articles are described. In one embodiment, a search engine implements a method comprising determining at least one cluster comprising a plurality of articles, analyzing signals to determine an overall signal for the cluster, and determining if the articles are manipulated articles based at least in part on the overall signal.

22 Claims, 2 Drawing Sheets