

## **APPENDIX OF CHALLENGED CLAIMS**

1. A method for data mining, comprising:

crawling the Internet to return Web pages to a data store;

accessing the data store with at least a first data miner to process data in the store and output at least one result;

receiving a customer request for information;

creating at least a second data miner in response to the customer request for information, the second data miner accessing at least the result of the first data miner to generate an output; and

at least partially based on the output of the second data miner, responding to the customer request for information.

2. The method of claim 1, comprising billing the customer for responding to the customer request for information.

3. The method of claim 1, wherein the method is provided to the customer as a service, and the acts of crawling, accessing, receiving, creating, and responding are undertaken at a vendor facility.

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6. The method of claim 1, wherein the result output by the first data miner includes at least one key representing at least one characteristic of at least one entity in the data store.

7. The method of claim 6, wherein the key is added to a table having therein plural entities, at least some entities having at least one attribute.

8. The method of claim 6, wherein the value of the key is a binary value.

9. The method of claim 6, wherein the value of the key is a non-binary value.

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11. The method of claim 6, wherein the key represents whether the associated entity is a high quality entity.

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13. The method of claim 6, wherein the key represents whether the associated entity represents a person.

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16. The method of claim 6, wherein the entity represents a Web page.

17. The method of claim 6, wherein the entity represents a hyperlink.

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19. The method of claim 1, wherein the data miner includes rules for generating the result.

20. The method of claim 1, wherein the result of the miner is useful for generating at least one index of the data store.

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34. An information service, comprising:

means for accessing, with at least a first data miner, a data store containing information representing at least one Web page to process data in the store and output at least one result;

means for receiving a customer request for information;

means for creating at least a second data miner in response to the customer request for information, the second data miner accessing at least the result of the first data miner to generate an output; and

means for responding to the customer request for information at least partially based on the output of the second data miner.

35. The service of claim 34, comprising means for billing the customer for responding to the customer request for information.

36. The service of claim 34, wherein the service is provided to the customer as a service, and the means for accessing, receiving, creating, and responding are executed at a vendor facility.

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39. The service of claim 34, wherein the result output by the first data miner includes at least one key representing at least one characteristic of at least one entity in the data store.

40. The service of claim 39, further comprising means for adding the key to a table having therein plural entities, at least some entities having at least one attribute.

41. The service of claim 39, wherein the value of the key is a binary value.

42. The service of claim 39, wherein the value of the key is a non-binary value.

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44. The service of claim 39, wherein the key represents whether the associated entity is a high quality entity.

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46. The service of claim 39, wherein the key represents whether the associated entity represents a person.

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49. The service of claim 39, wherein the entity represents a Web page.

50. The service of claim 39, wherein the entity represents a hyperlink.

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52. The service of claim 34, wherein the data miner includes rule means for generating the result.

53. The service of claim 52, further comprising means for generating at least one index of the data store at least partially based on the result of the miner.

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