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(54) **USER INTERFACE AND METHOD IN A LOCAL SEARCH SYSTEM WITH RELATED SEARCH RESULTS**

6,263,343 B1 7/2001 Hirono
6,678,611 B2 1/2004 Khavakh et al.
6,714,215 B1 3/2004 Flora et al.
6,735,518 B2 5/2004 Kim
6,772,150 B1 8/2004 Whitman et al.
6,925,608 B1 8/2005 Neale et al.
7,158,878 B2 1/2007 Rasmussen

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(Continued)

FOREIGN PATENT DOCUMENTS

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GB 2378789 2/2003
(Continued)

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OTHER PUBLICATIONS

(21) Appl. No.: **11/941,500**

Buykkokten, et al, "Exploiting geographic location information of web pages," Feb. 5, 2005 [retrieved Jul. 1, 2008]. <http://web.archive.org/web/2005020500116/http://webdb.stanford.edu/~orkut/papers/geog.pdf>, pp. 1-4.

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(51) **Int. Cl.**

(57) **ABSTRACT**

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The invention provides a user interface including a first view transmitted from a server computer system to a client computer system, the first view including a search identifier, interaction with the search identifier causing of a search request from the client computer system to the server computer system, the search request being utilized at the server computer system to extract at least an initial search result from a search data source, the initial search result including information relating to a geographic location to the client computer system for display at the client computer system, and a second view transmitted from the server computer system in response to the user interacting with the search identifier, the second view including the initial search result and the plurality of related search suggestions.

(52) **U.S. Cl.** **709/203**; 715/526; 715/864

(58) **Field of Classification Search** 709/201–203,
709/226; 705/114

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,475,802 A 12/1995 Wescott et al.
5,555,409 A 9/1996 Leenstra, Sr. et al.
5,774,362 A 6/1998 Suzuki et al.
5,948,040 A 9/1999 Delorme et al.
5,966,710 A 10/1999 Burrows

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