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EXHIBIT 12

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US010140375B2

(12) United States Patent

Badros et al.

(54) PERSONALIZED NETWORK SEARCHING

- (71) Applicant: Google LLC, Mountain View, CA (US)
- (72) Inventors: Gregory Joseph Badros, Palo Alto, CA (US); Stephen Lawrence, Palo Alto, CA (US)
- (73) Assignee: **GOOGLE LLC**, Mountain View, CA (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

- (21) Appl. No.: 15/854,208
- (22) Filed: Dec. 26, 2017

(65) **Prior Publication Data**

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Related U.S. Application Data

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- (51) Int. Cl.

G06F 17/00	(2006.01)
G06F 17/30	(2006.01)
G06Q 30/02	(2012.01)

 (52) U.S. Cl.
CPC .. G06F 17/30867 (2013.01); G06F 17/30893 (2013.01); G06Q 30/0201 (2013.01); (Continued)

(Continued)

(10) Patent No.: US 10,140,375 B2

(45) **Date of Patent:** *Nov. 27, 2018

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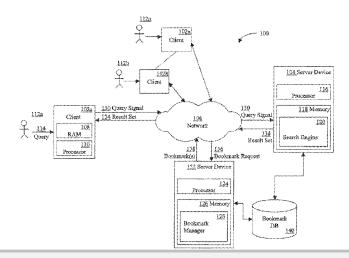
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Primary Examiner — Cheryl Lewis (74) Attorney, Agent, or Firm — Foley & Lardner LLP; James De Vellis

(57) **ABSTRACT**

Personalized network searching, in which a search query is received from a user, and a request is received to personalize a search result. Responsive to the search query and the request to personalize the search result, a personalized search result is generated by searching a personalized search object. Responsive to the search query, a general search result is generated by searching the general search object. The personalized search result and the general search result are provided to a client device, an advertisement is selected based at least in part upon the personalized search result, and the advertisement, the personalized search result, and the general search result are displayed.

20 Claims, 4 Drawing Sheets



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US 10,140,375 B2

Related U.S. Application Data

No. 14/516,019, filed on Oct. 16, 2014, now Pat. No. 9,679,067, which is a continuation of application No. 14/074,872, filed on Nov. 8, 2013, now Pat. No. 8,886,626, which is a continuation of application No. 13/442,386, filed on Apr. 9, 2012, now Pat. No. 8,612,415, which is a continuation of application No. 13/172,961, filed on Jun. 30, 2011, now Pat. No. 8,166,017, which is a continuation of application No. 12/099,583, filed on Apr. 8, 2008, now Pat. No. 8,015,170, which is a continuation of application No. 10/726,410, filed on Dec. 3, 2003, now Pat. No. 7,523,096.

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CPC ... *G06Q 30/0241* (2013.01); *Y10S 707/99933* (2013.01); *Y10S 707/99943* (2013.01); *Y10S 707/99945* (2013.01)

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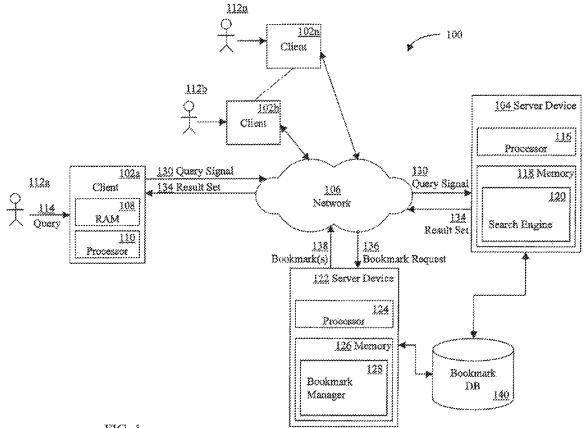
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