(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 20 March 2008 (20.03.2008)

(10) International Publication Number WO 2008/033780 A3

- (51) International Patent Classification: *G06Q 30/00* (2006.01)
- (21) International Application Number:

PCT/US2007/078064

(22) International Filing Date:

10 September 2007 (10.09.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/519,277 11 Sept

11 September 2006 (11.09.2006) US

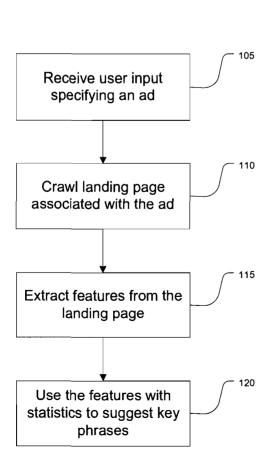
- (71) Applicant (for all designated States except US): GOOGLE INC. [US/US]; 1600 Amphitheatre Parkway, Mountain View, CA 94043 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): CHOPRA, Puneet [IN/US]; 6036 Mollinari Ter, Fremont, CA 94555 (US).

- (74) Agents: MCGUIRE, Joshua et al.; Fish & Richardson P.C., P.O. Box 1022, Minneapolis, MN 55440-1022 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,

[Continued on next page]

(54) Title: RECOMMENDING ADVERTISING KEY PHRASES

100



(57) Abstract: Methods, systems, and apparatus, including computer program products for generating key phrases for advertising are provided. In one implementation, a method is provided. The method includes receiving input from an advertising user specifying an advertisement that is associated with a particular landing page. A key phrase for the advertisement is automatically generated, the key phrase being generated based on features extracted from the landing page and based on empirical statistics derived from a corpus comprising corpus key phrases and web pages corresponding to the respective corpus key phrases.

WO 2008/033780 A3



PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Declarations under Rule 4.17:

 as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

Published:

- with international search report
- (88) Date of publication of the international search report: 11 December 2008

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/78064

			101/000///0004		
A. CLASSIFICATION OF SUBJECT MATTER IPC: G06Q 30/00(2006.01)					
USPC: 705/14					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 705/14					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST					
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.	
Х	US 2005/0144158 A1 (Capper et al.) 30 June 2005 (2 [0068]; [0097] through [0102]; [0114] through [0318]; and [0332] through [0338]			1-27	
			,	•	
ı					
F 7				<u></u>	
Further documents are listed in the continuation of Box C.			See patent family annex.		
Special categories of cited documents:		"T"	later document published after the inter date and not in conflict with the applica		
"A" document defining the general state of the art which is not considered to be of particular relevance			principle or theory underlying the inven		
"E" earlier application or patent published on or after the international filing date		"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y"	considered to involve an inventive step when the document is combined		
"O" document referring to an oral disclosure, use, exhibition or other means			obvious to a person skilled in the art	one or more other such documents, such combination being ous to a person skilled in the art	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family			
Date of the actual completion of the international search		Date of m	ailing of the international searce	h report	
25 August 2008 (25.08.2008)			SEP 2008		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US			Authorized officer		
Commissioner for Patents		Eric Stamber			
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone	No. (571) 272-3600	New	
Facsimile No. (571) 273-3201				MU	