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[Continued on next page]

(54) Title: OPTIMIZATION OF RESOURCE POLLING INTERVALS TO SATISFY MOBILE DEVICE REQUESTS

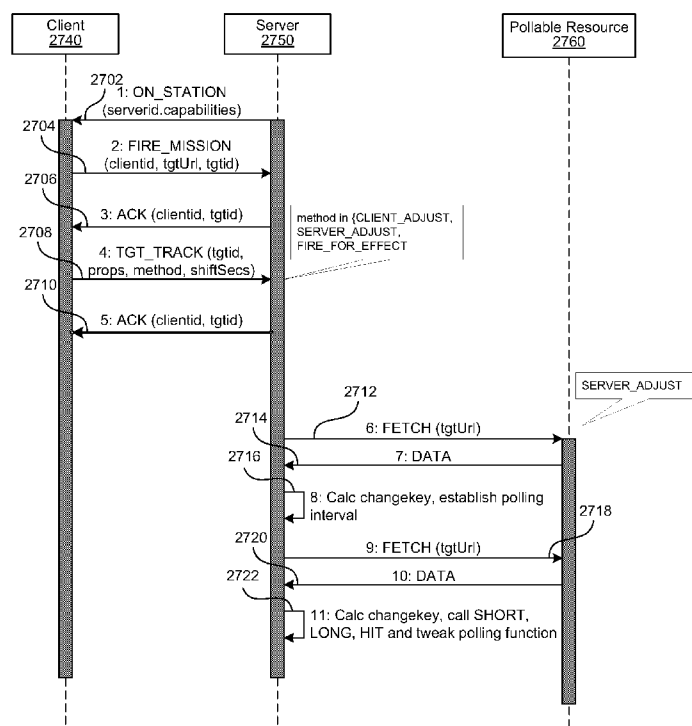


FIG. 27

(57) Abstract: Systems and methods for optimizing a polling interval to capture new or changed content at an application server in a wireless network are disclosed. In one aspect, embodiments of the present disclosure include a method, which may be implemented on a system, for polling the application server using a first polling interval, monitoring responses received from the polling of the application server, adjusting the first polling interval to a second polling interval for polling the application server and/or using the second polling interval for polling another resource delivering same or similar content as the application server.



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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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)

H04W 74/06; G06F 15/16; G06F 15/173; G06F 15/82; H04Q 7/20; G06F 13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: adjust,polling interval, mobile device, content, server

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0077035 A1 (LI DU et al.) 25 March 2010	1-3
A	See abstract; paragraphs [0006]-[0012], [0035]-[0037], [0048]; Figures 3, 4.	4-41
X	US 2008-0091773 A1 (TAPIO HAMEEN-ANTTILA) 17 April 2008	1-3
A	See abstract; paragraphs [0033]-[0035], [0038], [0043], [0049]-[0051].	4-41
A	US 6996627 B1 (CHRIS CADEN) 07 February 2006	1-41
	See abstract; claims 1-3.	
A	US 2005-0164703 A1 (TRUYEN HUYNH) 28 July 2005	1-41
	See abstract; paragraphs [0020]-[0025].	

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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