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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) **Title:** CONTENT AND APPLICATION DELIVERY NETWORK AGGREGATION

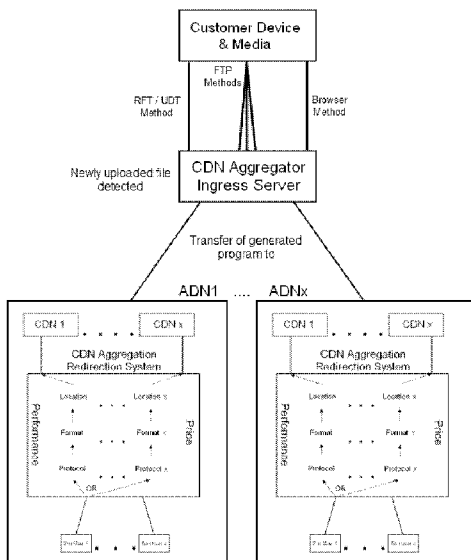


Figure 4.

(57) **Abstract:** An aggregation or combination of Content or Application Delivery Networks is disclosed to improve quality of service, including the delivery of content and media on a city, state, country and international basis. The aggregation is formed by combining multiple CDNs or ADNs so that a larger server and network footprint is created. The benefits of each CDN or ADN are aggregated to produce a better CDN/ADN service to the customer and end users.

WO 2011/103293 A3

**A. CLASSIFICATION OF SUBJECT MATTER****G06Q 50/00(2006.01)i**

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)

G06Q 50/00; G06F 15/16; G06Q 50/00C0; G06F 12/00; G06F 15/167; 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) &amp; Keywords:CDN, redirect\*

http://www.ndsl.or.kr:CDN, redirection

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KIM SEONHO et. al., A Design of Redirection System for Server Selection on the Content Distribution Environment, The Journal of Korea Information and Communications Society, 2004, '04-2 Vol. 29, No. 2C, pages 283-290 See the abstract and pages 283-288.	1-22
Y	KR 10-2004-0001550 A (KT CORPORATION) 07 January 2004 See the abstract, detailed description of the invention and figures 1-5.	1-22
A	US 2003-0229682 A1 (RICHARD DAVID DAY) 11 December 2003 See the abstract, figures 1-6 and claims 1-40.	1-22
A	JP 2001-306433 A (NEC CORP) 02 November 2001 See the whole document.	1-22

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

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2011/025251**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2004-0001550 A	07.01.2004	None	
US 2003-0229682 A1	11.12.2003	AU 2001-64629 A1 US 7185052 B2 WO 01-89172 A2 WO 01-89172 A3	26.11.2001 27.02.2007 22.11.2001 22.11.2001
JP 2001-306433 A	02.11.2001	None	