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

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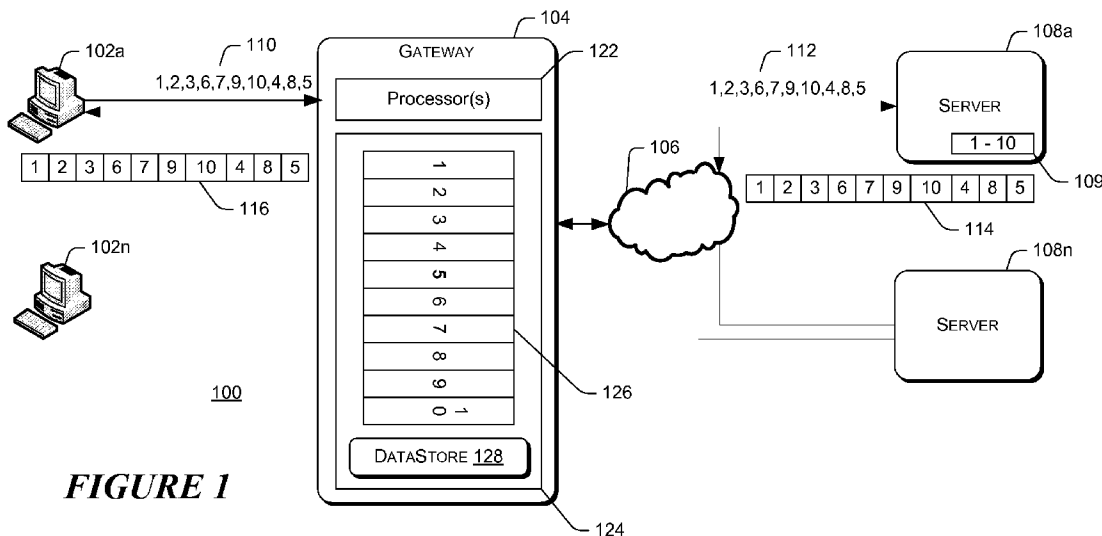


FIGURE 1

(57) Abstract: A client device transmits requests via a gateway to a server in a network environment. The requests indicate specific portions of a file on a server to be transmitted as part of the download process. The gateway receives into its memory the requested portions of the file and assembles the received portions into an assembly file. The gateway continuously scans the largest contiguous sequence of the portions in the assembly file for viruses while the requested portions of the file are being received and become available before feeding the received portions to the client computer. By scanning the largest consecutive sequence while new portions become available, the time to complete the scan is reduced thereby increasing the throughput of the gateway.

WO 2008/147737 A3

A. CLASSIFICATION OF SUBJECT MATTER**G06F 3/12(2006.01)i, G06F 3/14(2006.01)i, G06F 17/00(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)

IPC 8 : G06F

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 since 1975
Japanese Utility Models and application for Utility Models since 1975

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

eKIPASS(KIPO internal) "anti-virus, scan*, part*, content, large*, block"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6981280 B2 (ROBERT R. GRUPE) 27 December 2005 See the abstract, columns 3-7, and figures 1-6.	1-20
Y	US 6088803 A (TSO et al.) 11 July 2000 See the abstract, columns 2-4, and figure 3.	1-20
A	US 7093002 B2 (WOLFF et al.) 15 August 2006 See the abstract, columns 3-7, and figures 1-6.	1-20

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

* Special categories of cited documents:

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6981280 B2	27.12.2005	EP 1402370 A1 US 7152241 B2 US 2003-0009690 A1 WO 03/003214 A1	31.03.2004 19.12.2006 09.01.2003 09.01.2003
US 6088803 A	11.07.2000	None.	
US 7093002 B2	15.08.2006	None.	