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(54) **SYSTEM AND METHOD FOR DYNAMIC COMPRESSION OF DATA**

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(57) **ABSTRACT**

A method of transferring a compressed web page over a computer network without affecting the existing web server applications and processes. The compressor intercepts a request from a workstation for the web page. A second request is transmitted to the server from the compressor for the original, uncompressed web page. The web page is selectively compressed in the compressor. Then the compressed web page is transmitted to the workstation. Optionally, some of the files associated web page, such as image files, are also compressed and the references to the compressed associated files is changed to reflect any change in the name of the compressed associated files.

3 Claims, 3 Drawing Sheets
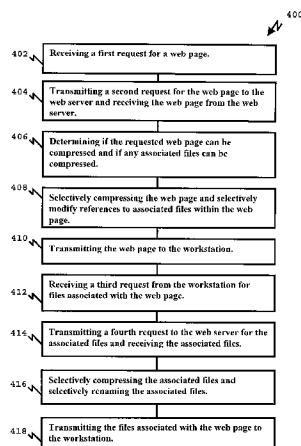
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100

102	104 Network	106	108
Workstation		Web server	Compressor

Figure 1

200

202	204 Network	208	206
Workstation		Data Center	Web server

Figure 2

300

302	308	304 Network	306
Workstation	Data Center		Web server

Figure 3

400

402 — Receiving a first request for a web page.

404 — Transmitting a second request for the web page to the web server and receiving the web page from the web server.

406 — Determining if the requested web page can be compressed and if any associated files can be compressed.

408 — Selectively compressing the web page and selectively modify references to associated files within the web page.

410 — Transmitting the web page to the workstation.

412 — Receiving a third request from the workstation for files associated with the web page.

414 — Transmitting a fourth request to the web server for the associated files and receiving the associated files.

416 — Selectively compressing the associated files and selectively renaming the associated files.

418 — Transmitting the files associated with the web page to the workstation.
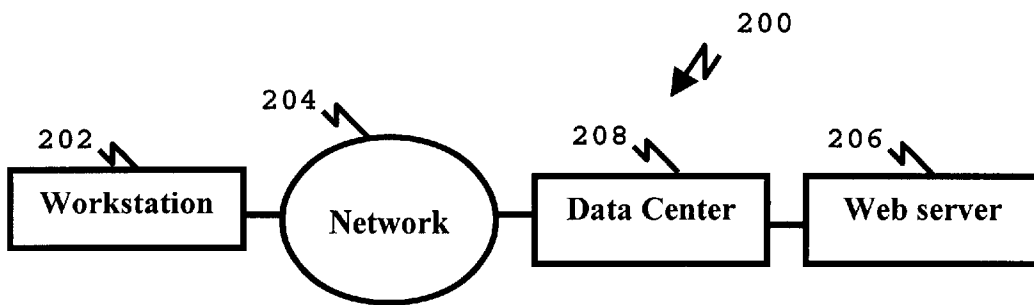
Figure 4

DOCKET ALARM
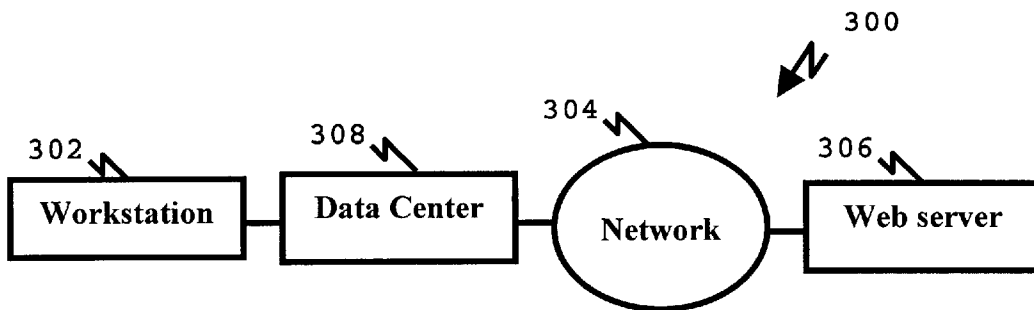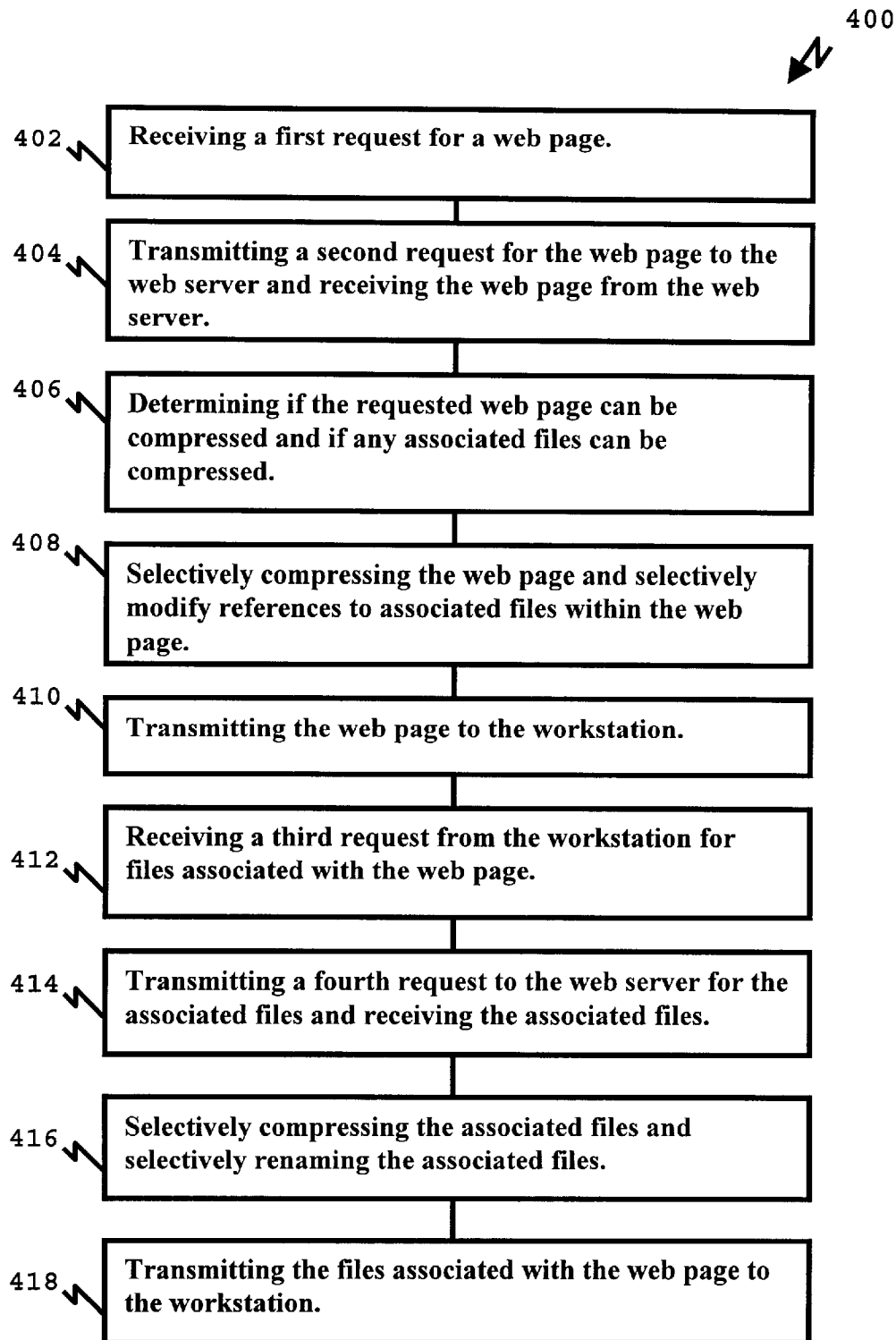
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