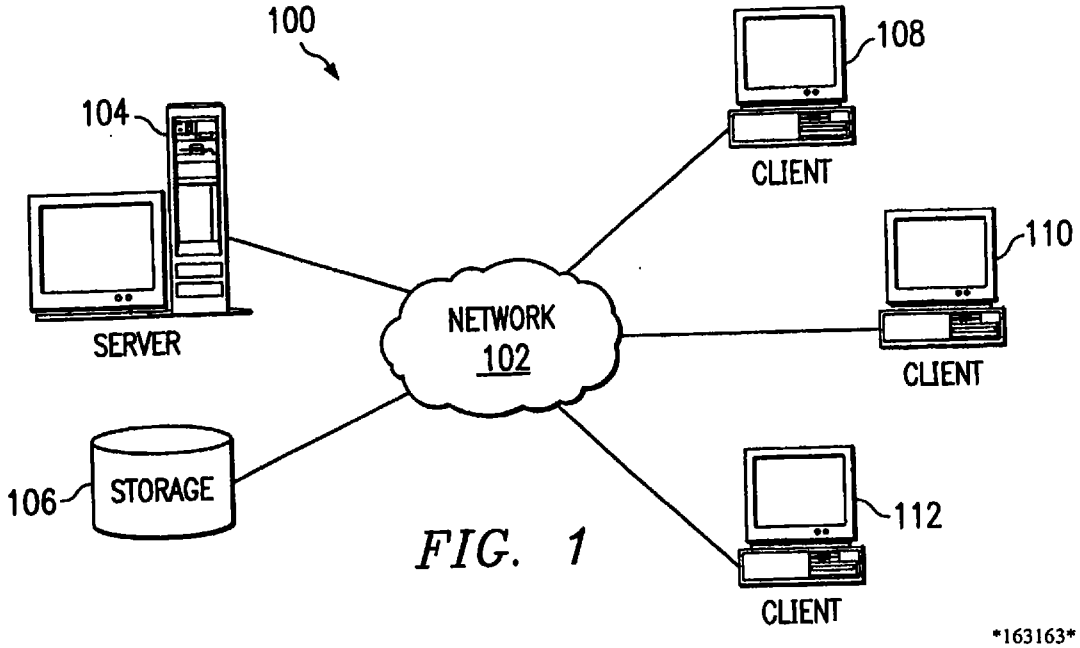



FIG. 1

*163163*



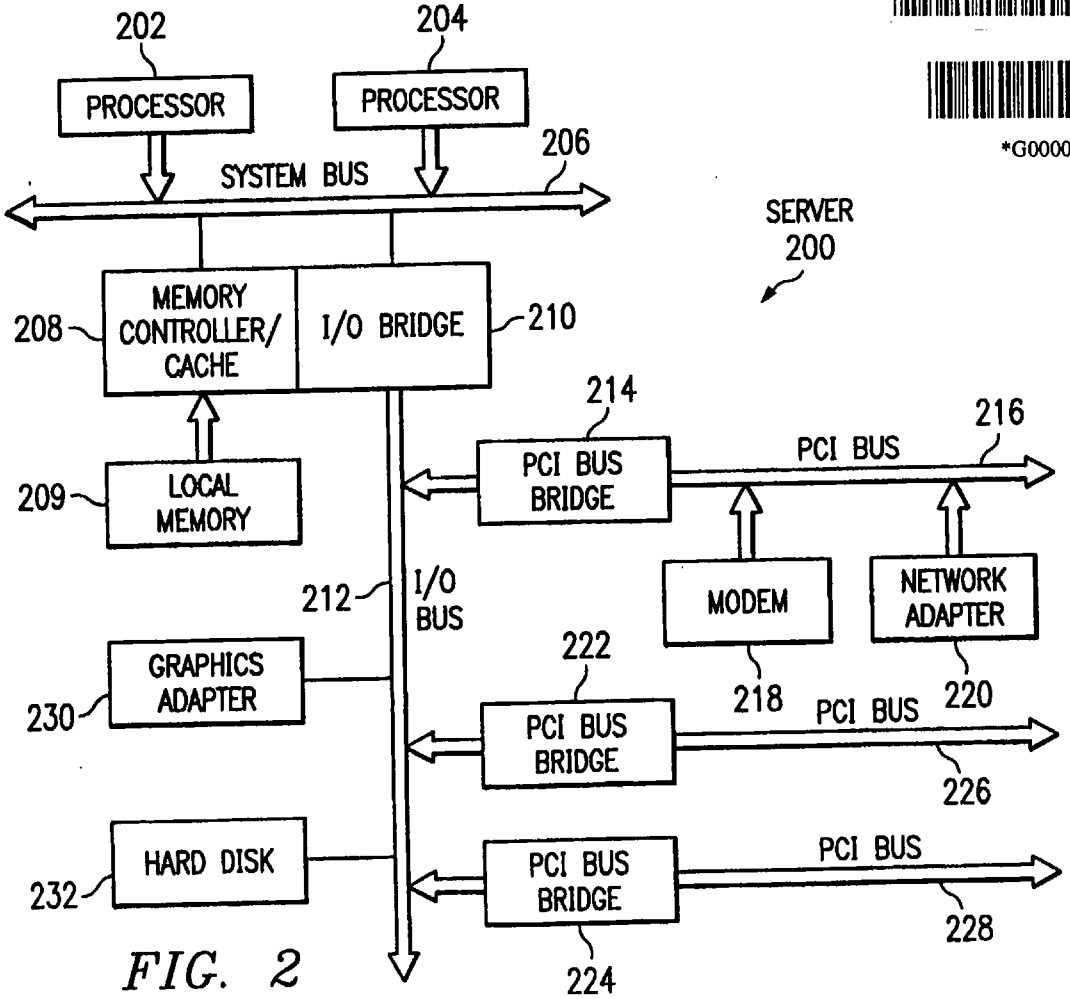




FIG. 2

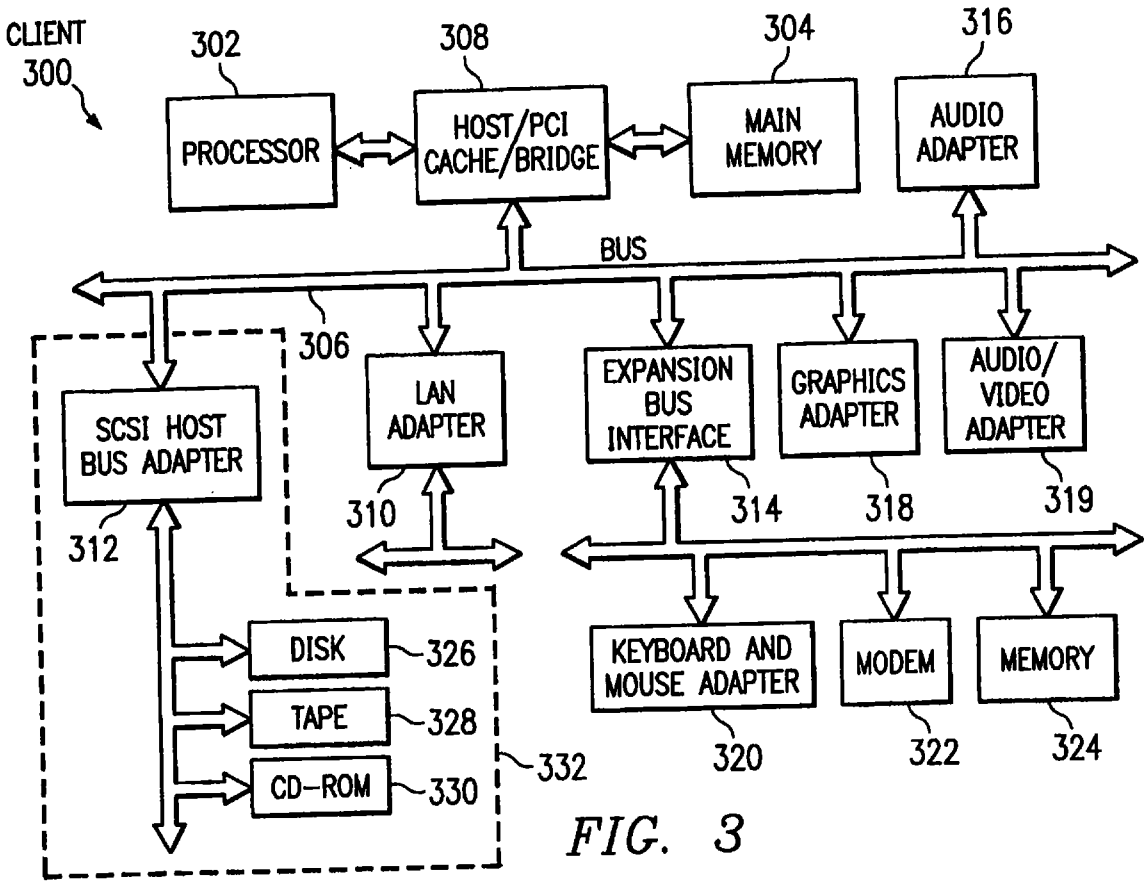

CLIENT
300
302
PROCESSOR
308
HOST/PCI
CACHE/BRIDGE
304
MAIN
MEMORY
316
AUDIO
ADAPTER
BUS
306
SCSI HOST
BUS ADAPTER
312
LAN
ADAPTER
310
EXPANSION
BUS
INTERFACE
314
GRAPHICS
ADAPTER
318
AUDIO/
VIDEO
ADAPTER
319
DISK
326
TAPE
328
CD-ROM
330
332
KEYBOARD AND
MOUSE ADAPTER
320
MODEM
322
MEMORY
324

FIG. 3

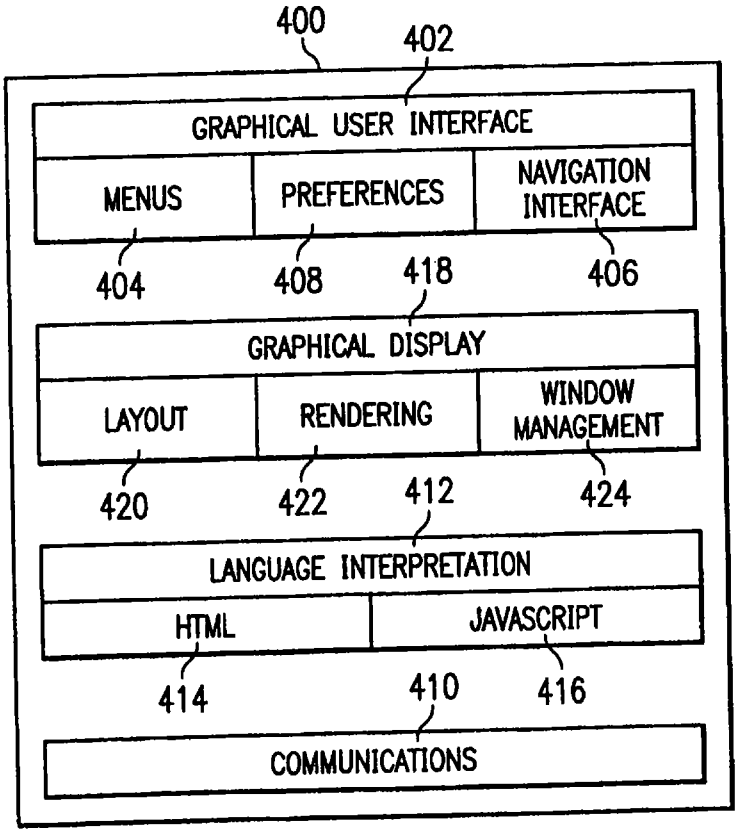

400
402
GRAPHICAL USER INTERFACE
MENUS
PREFERENCES
NAVIGATION
INTERFACE
404
408
418
406
GRAPHICAL DISPLAY
LAYOUT
RENDERING
WINDOW
MANAGEMENT
420
422
412
424
LANGUAGE INTERPRETATION
HTML
JAVASCRIPT
414
410
416
COMMUNICATIONS

FIG. 4

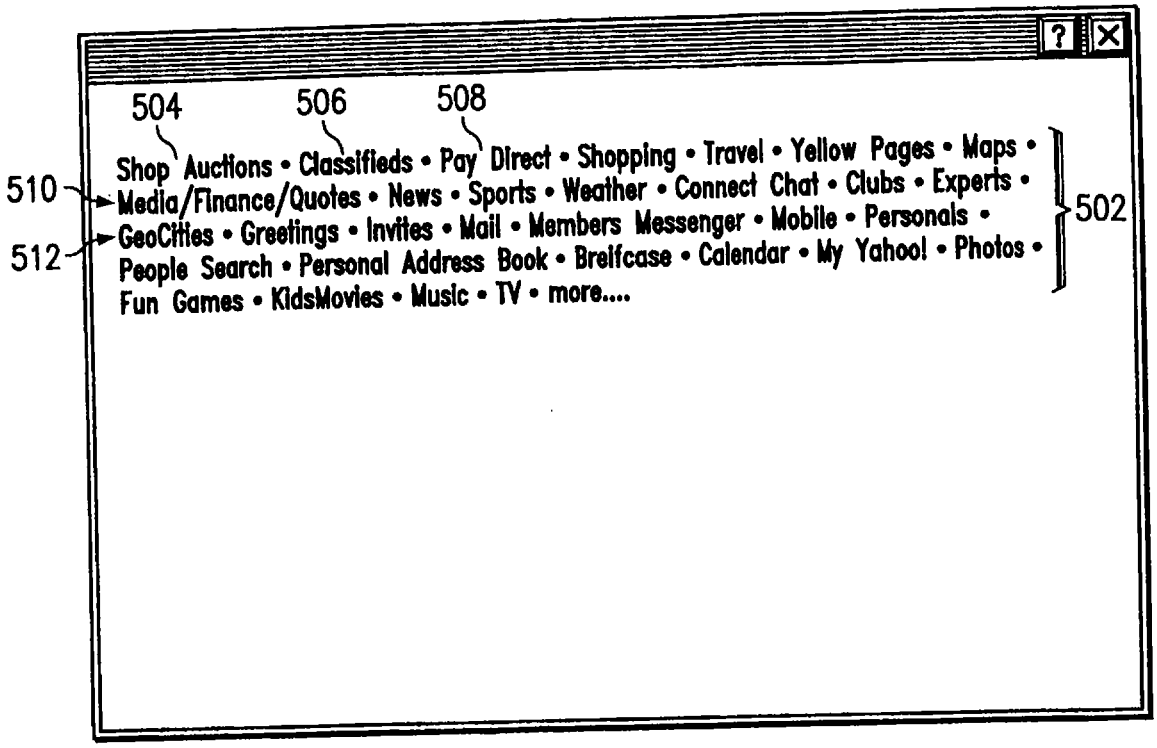

504
506
508
Shop Auctions • Classifieds • Pay Direct • Shopping • Travel • Yellow Pages • Maps •
510
Media/Finance/Quotes • News • Sports • Weather • Connect Chat • Clubs • Experts •
512
GeoCities • Greetings • Invites • Mail • Members Messenger • Mobile • Personals •
People Search • Personal Address Book • Briefcase • Calendar • My Yahoo! • Photos •
Fun Games • KidsMovies • Music • TV • more....
502

FIG. 5A

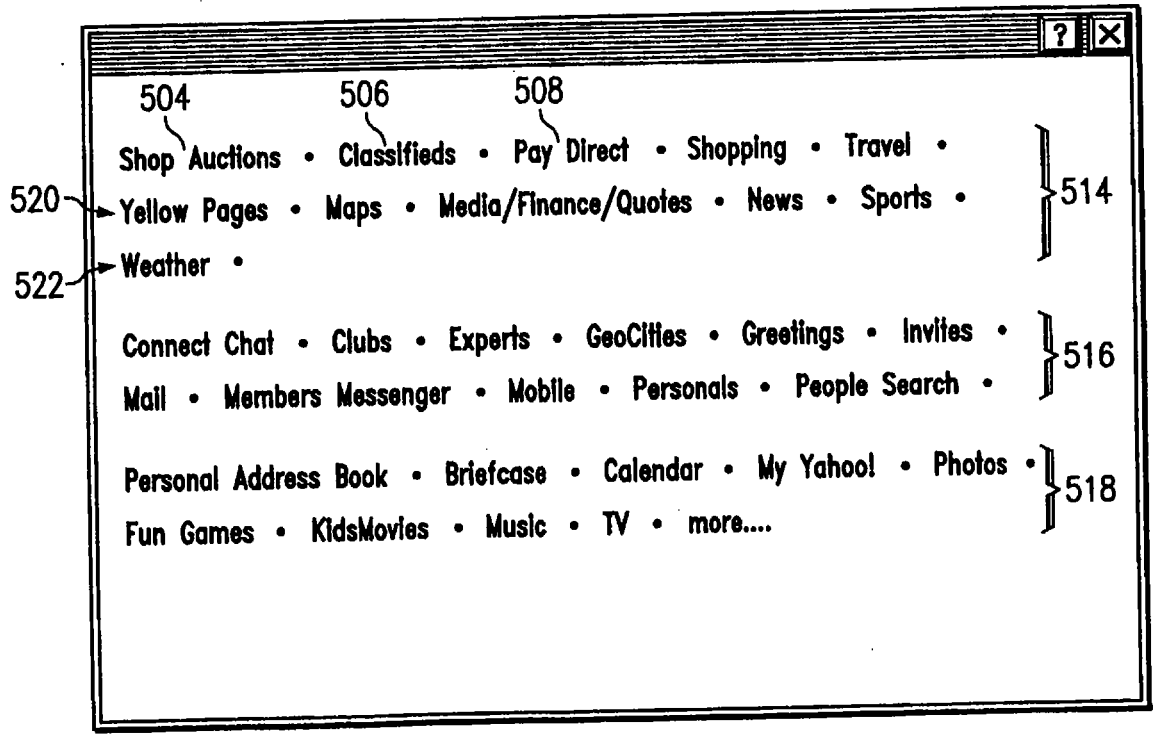

504
506
508
Shop Auctions • Classifieds • Pay Direct • Shopping • Travel •
520
Yellow Pages • Maps • Media/Finance/Quotes • News • Sports •
514
522
Weather •
Connect Chat • Clubs • Experts • GeoCities • Greetings • Invites •
516
Mail • Members Messenger • Mobile • Personals • People Search •
Personal Address Book • Briefcase • Calendar • My Yahoo! • Photos •
518
Fun Games • KidsMovies • Music • TV • more....

FIG. 5B

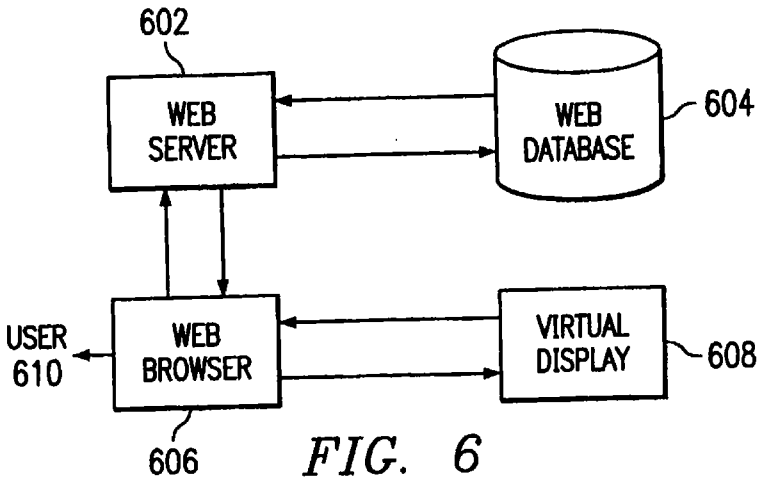

602
WEB SERVER
WEB DATABASE
604
USER 610
WEB BROWSER
VIRTUAL DISPLAY
608
606

FIG. 6

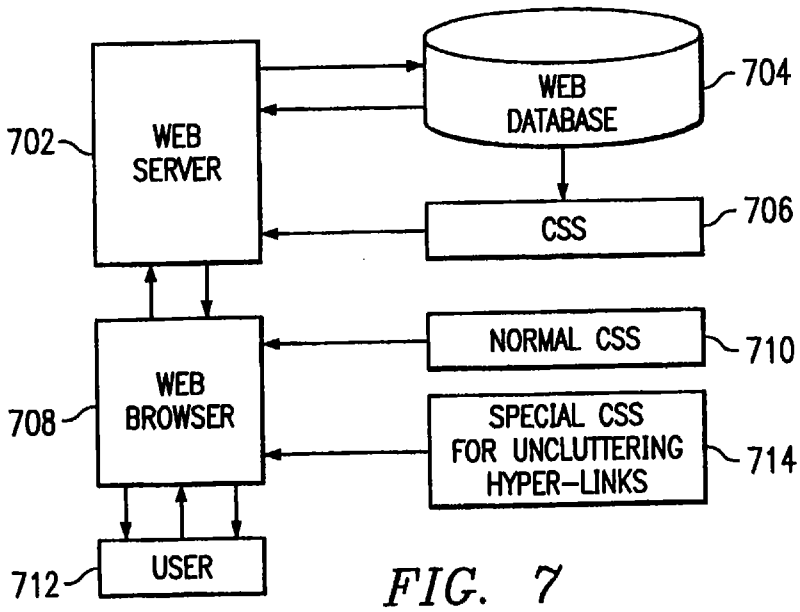

WEB DATABASE
704
702
WEB SERVER
CSS
706
NORMAL CSS
710
WEB BROWSER
708
SPECIAL CSS FOR UNCLUTTERING HYPER-LINKS
714
USER
712

FIG. 7

FIG. 8

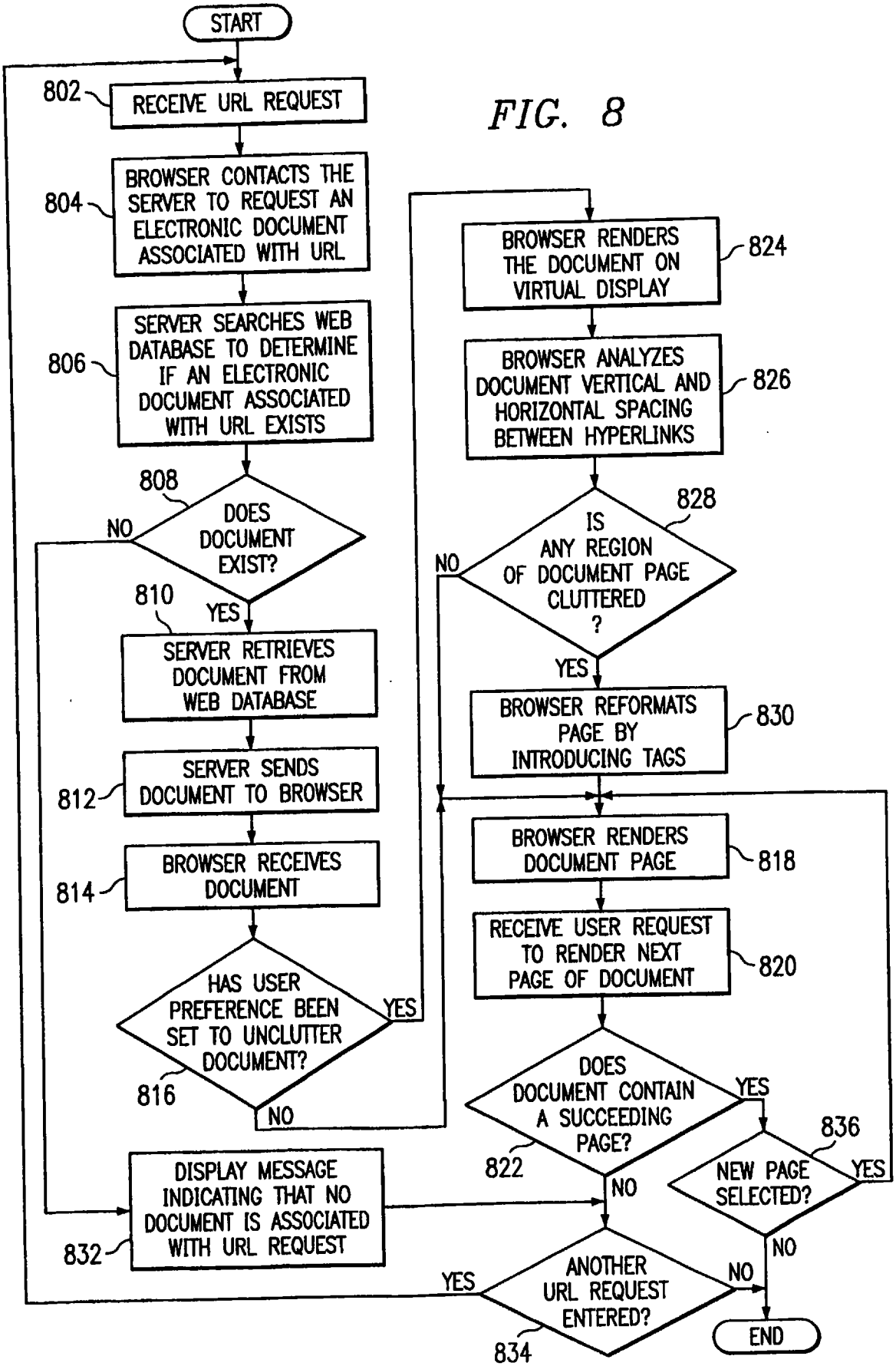
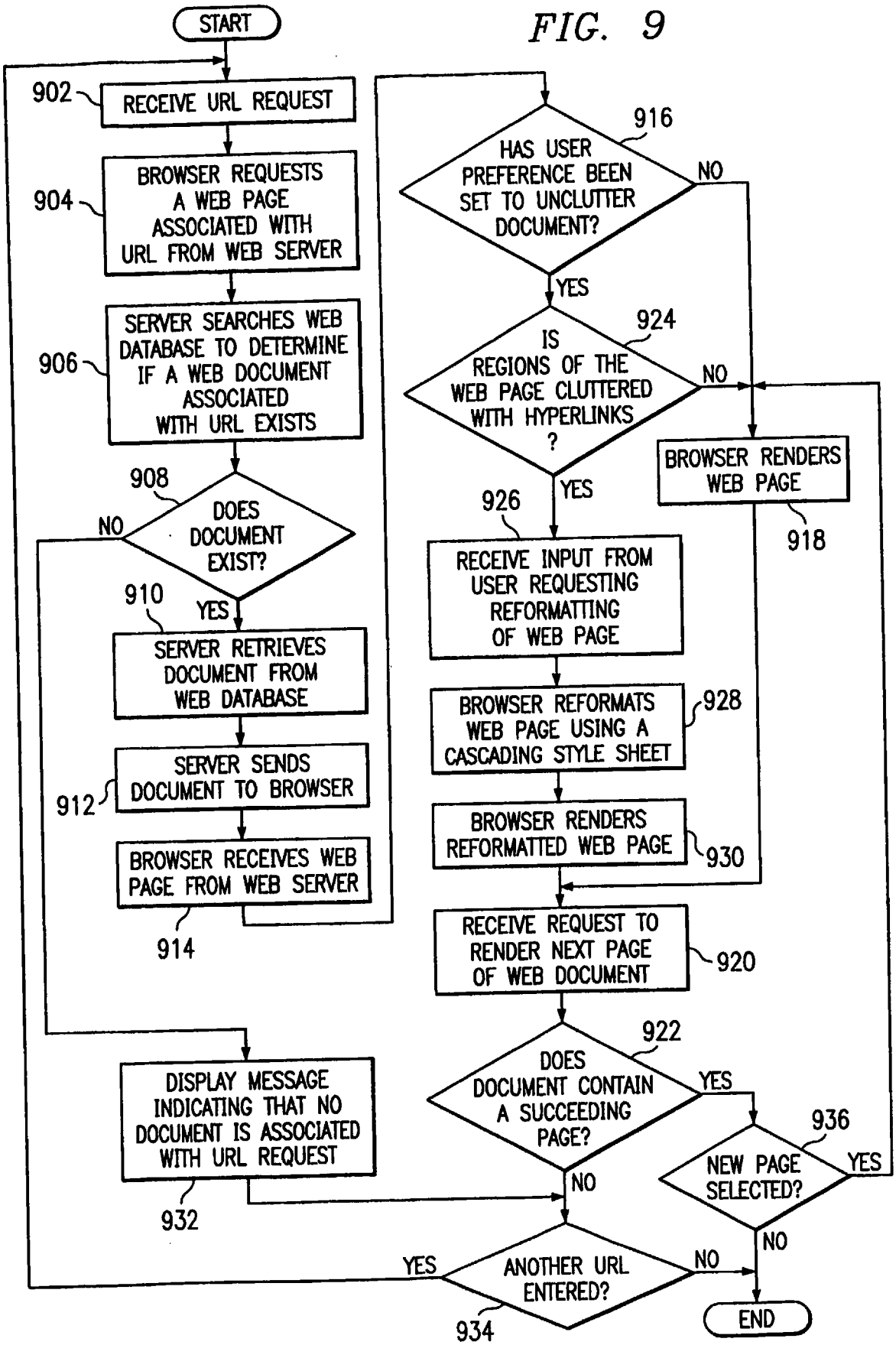

START
802
RECEIVE URL REQUEST
804
BROWSER CONTACTS THE SERVER TO REQUEST AN ELECTRONIC DOCUMENT ASSOCIATED WITH URL
806
SERVER SEARCHES WEB DATABASE TO DETERMINE IF AN ELECTRONIC DOCUMENT ASSOCIATED WITH URL EXISTS
808
DOES DOCUMENT EXIST?
NO
YES
810
SERVER RETRIEVES DOCUMENT FROM WEB DATABASE
812
SERVER SENDS DOCUMENT TO BROWSER
814
BROWSER RECEIVES DOCUMENT
HAS USER PREFERENCE BEEN SET TO UNCLUTTER DOCUMENT?
816
YES
NO
DISPLAY MESSAGE INDICATING THAT NO DOCUMENT IS ASSOCIATED WITH URL REQUEST
832
BROWSER RENDERS THE DOCUMENT ON VIRTUAL DISPLAY
824
BROWSER ANALYZES DOCUMENT VERTICAL AND HORIZONTAL SPACING BETWEEN HYPERLINKS
826
828
IS ANY REGION OF DOCUMENT PAGE CLUTTERED ?
NO
YES
BROWSER REFORMATS PAGE BY INTRODUCING TAGS
830
BROWSER RENDERS DOCUMENT PAGE
818
RECEIVE USER REQUEST TO RENDER NEXT PAGE OF DOCUMENT
820
DOES DOCUMENT CONTAIN A SUCCEEDING PAGE?
822
YES
NO
836
NEW PAGE SELECTED?
YES
NO
ANOTHER URL REQUEST ENTERED?
834
YES
NO
END

FIG. 9


START
902
RECEIVE URL REQUEST
904
BROWSER REQUESTS A WEB PAGE ASSOCIATED WITH URL FROM WEB SERVER
906
SERVER SEARCHES WEB DATABASE TO DETERMINE IF A WEB DOCUMENT ASSOCIATED WITH URL EXISTS
908
DOES DOCUMENT EXIST?
NO
YES
910
SERVER RETRIEVES DOCUMENT FROM WEB DATABASE
912
SERVER SENDS DOCUMENT TO BROWSER
BROWSER RECEIVES WEB PAGE FROM WEB SERVER
914
DISPLAY MESSAGE INDICATING THAT NO DOCUMENT IS ASSOCIATED WITH URL REQUEST
932
916
HAS USER PREFERENCE BEEN SET TO UNCLUTTER DOCUMENT?
NO
YES
924
IS REGIONS OF THE WEB PAGE CLUTTERED WITH HYPERLINKS ?
NO
YES
926
RECEIVE INPUT FROM USER REQUESTING REFORMATTING OF WEB PAGE
928
BROWSER REFORMATS WEB PAGE USING A CASCADING STYLE SHEET
930
BROWSER RENDERS REFORMATTED WEB PAGE
BROWSER RENDERS WEB PAGE
918
920
RECEIVE REQUEST TO RENDER NEXT PAGE OF WEB DOCUMENT
922
DOES DOCUMENT CONTAIN A SUCCEEDING PAGE?
YES
NO
936
NEW PAGE SELECTED?
YES
NO
YES
ANOTHER URL ENTERED?
NO
934
END