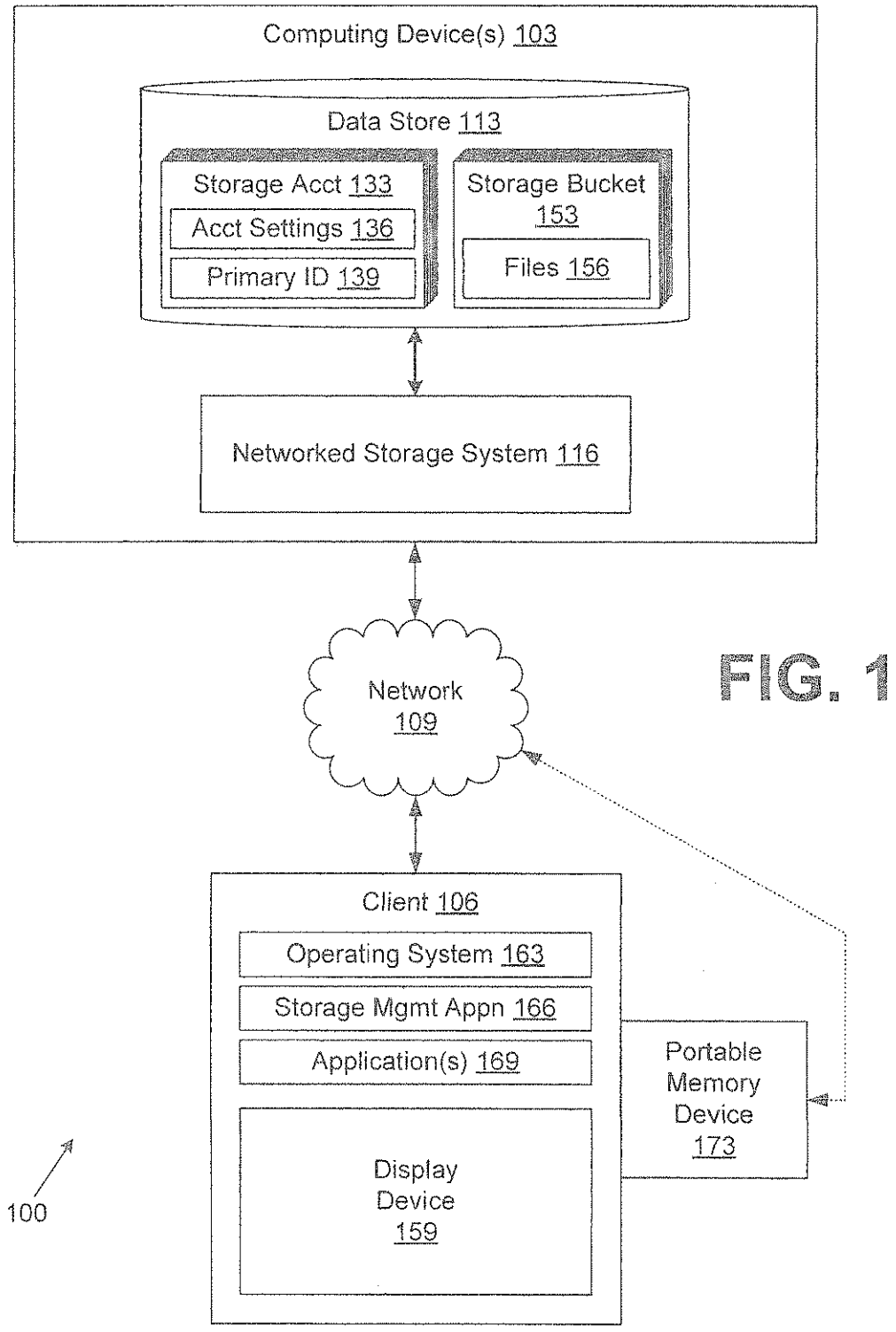
Computing Device(s) 103
Data Store 113
Storage Acct 133
Acct Settings 136
Primary ID 139
Storage Bucket 153
Files 156
Networked Storage System 116
Network 109
Client 106
Operating System 163
Storage Mgmt Appn 166
Application(s) 169
Display Device 159
Portable Memory Device 173
100

FIG. 1

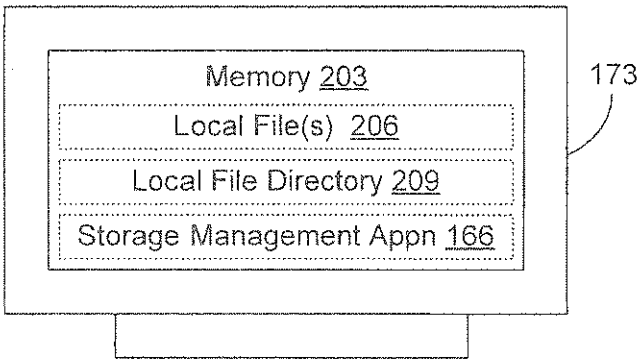
Memory 203
Local File(s) 206
Local File Directory 209
Storage Management Appn 166
173

FIG. 2

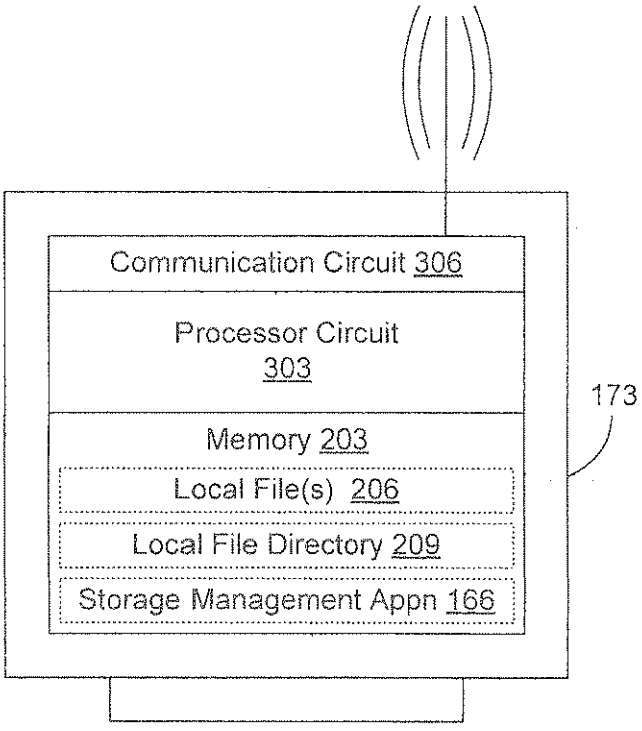
Communication Circuit 306
Processor Circuit 303
Memory 203
Local File(s) 206
Local File Directory 209
Storage Management Appn 166
173

FIG. 3

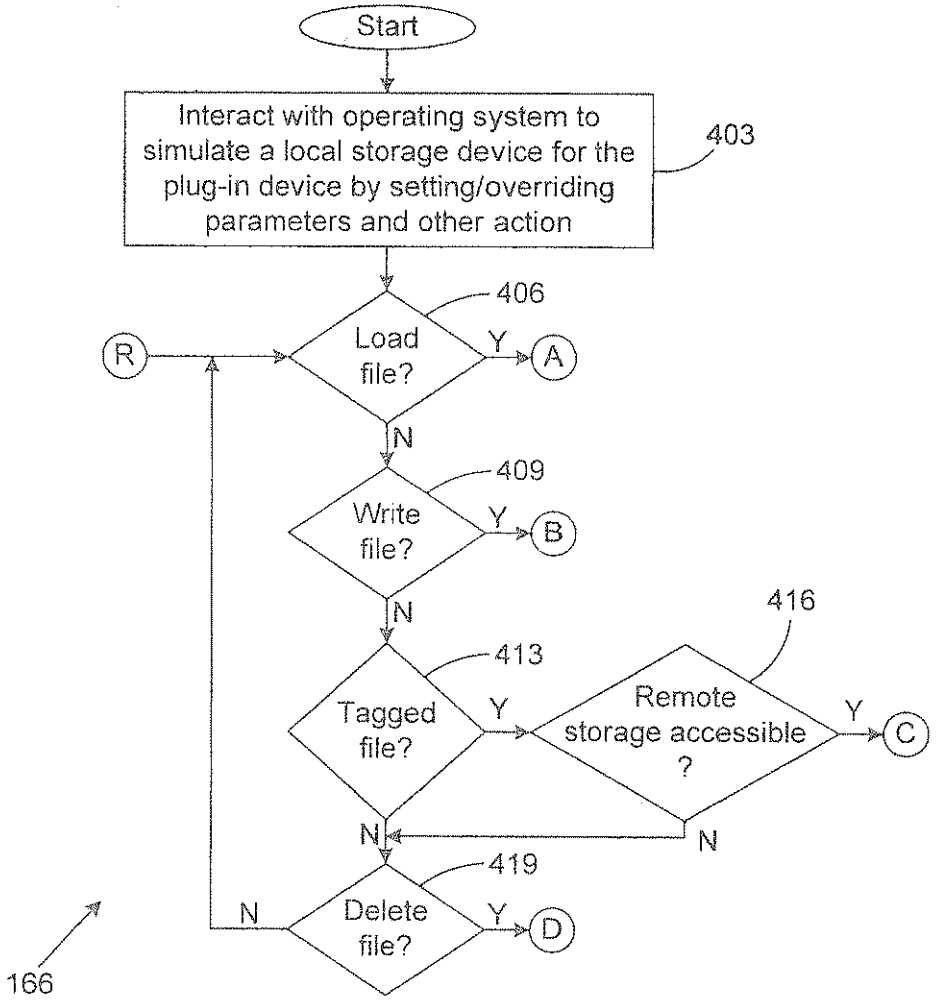
Start
Interact with operating system to simulate a local storage device for the plug-in device by setting/overriding parameters and other action
403
406
Load file?
Y
A
R
N
409
Write file?
Y
B
N
416
413
Tagged file?
Y
Remote storage accessible ?
Y
C
N
N
419
Delete file?
Y
D
N
166

FIG. 4A

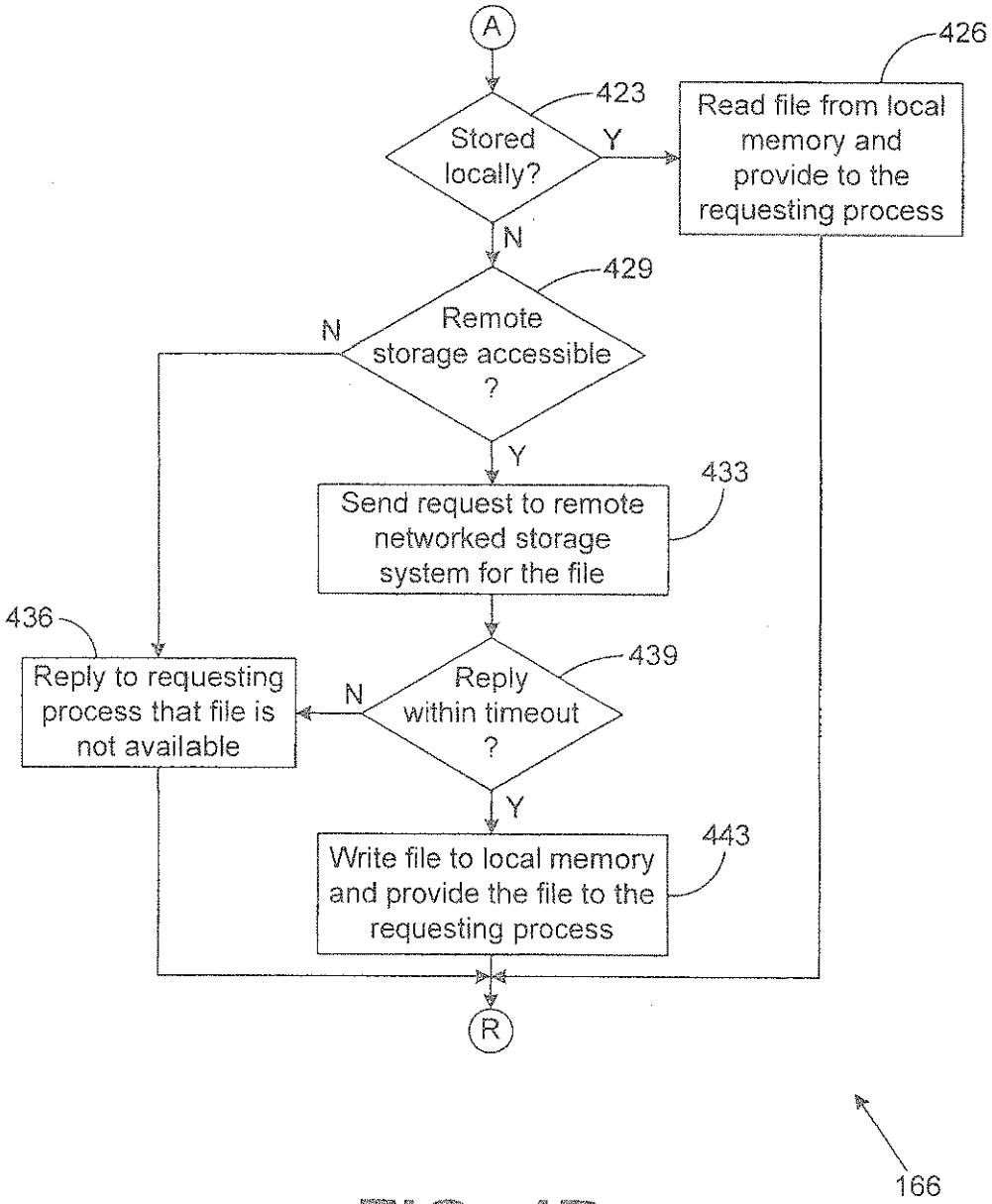
A
423
Stored locally?
Y
426
Read file from local memory and provide to the requesting process
N
429
Remote storage accessible ?
N
Y
433
Send request to remote networked storage system for the file
436
Reply to requesting process that file is not available
439
Reply within timeout ?
N
Y
443
Write file to local memory and provide the file to the requesting process
R
166

FIG. 4B

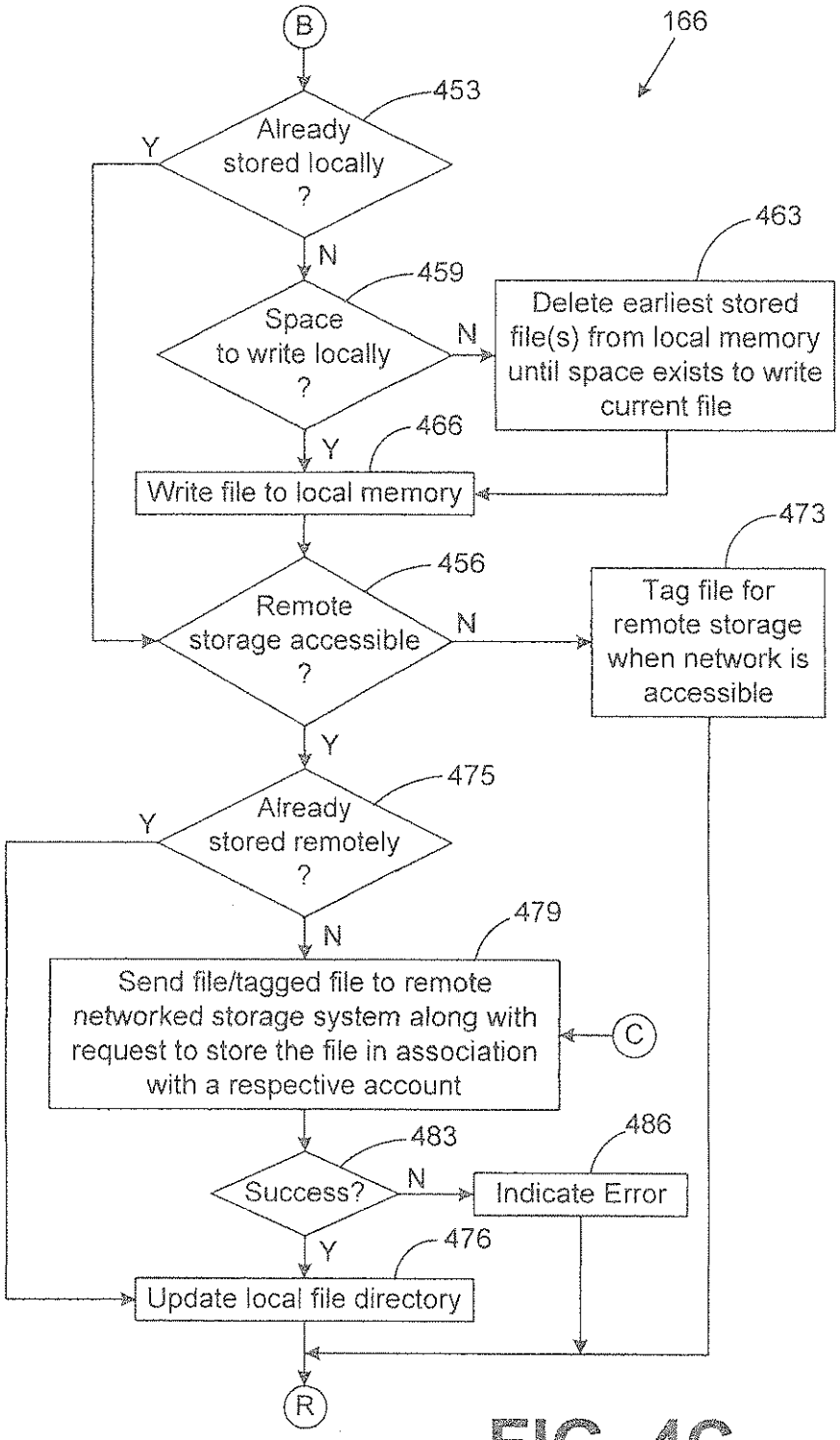
B
166
453
Already stored locally ?
Y
N
459
Space to write locally ?
N
463
Delete earliest stored file(s) from local memory until space exists to write current file
Y
466
Write file to local memory
456
Remote storage accessible ?
N
473
Tag file for remote storage when network is accessible
Y
475
Already stored remotely ?
Y
N
479
Send file/tagged file to remote networked storage system along with request to store the file in association with a respective account
C
483
Success?
N
486
Indicate Error
Y
476
Update local file directory
R

FIG. 4C

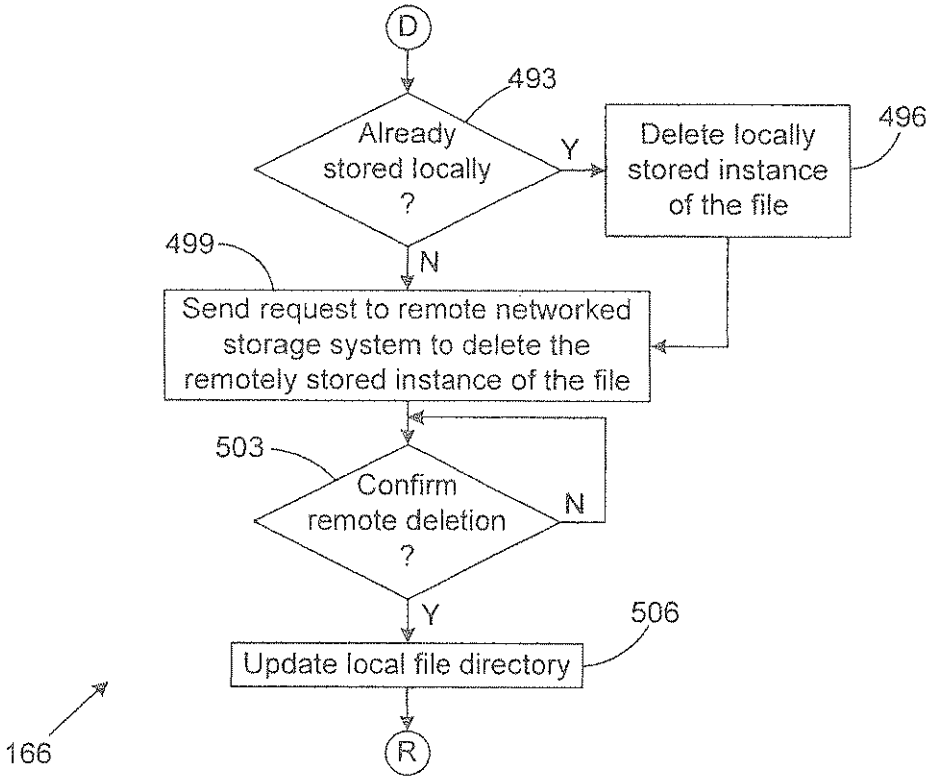
D
493
Already stored locally ?
Y
Delete locally stored instance of the file
496
499
N
Send request to remote networked storage system to delete the remotely stored instance of the file
503
Confirm remote deletion ?
N
Y
506
Update local file directory
R
166

FIG. 4D

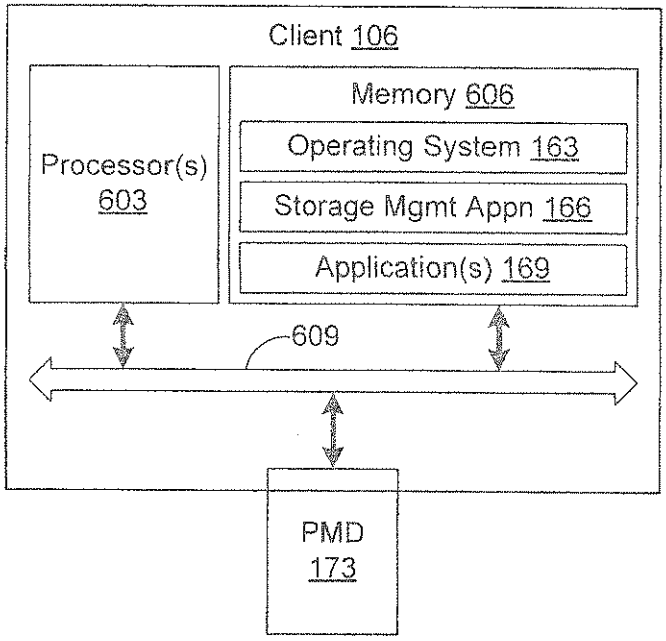
Client 106
Memory 606
Processor(s) 603
Operating System 163
Storage Mgmt Appn 166
Application(s) 169
609
PMD 173

FIG. 5