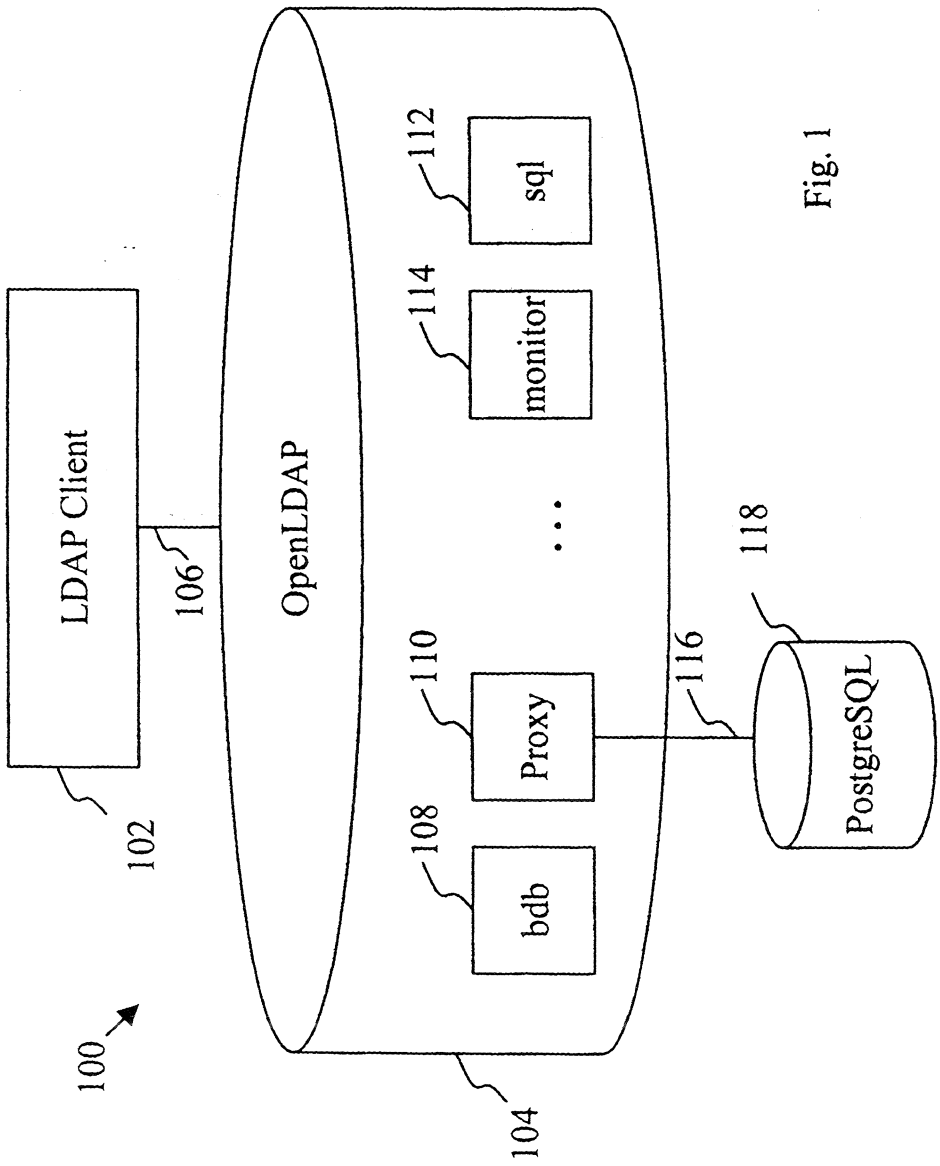

LDAP Client
102
106
OpenLDAP
104
100
bdb
108
Proxy
110
monitor
114
sql
112
116
PostgreSQL
118

Fig. 1

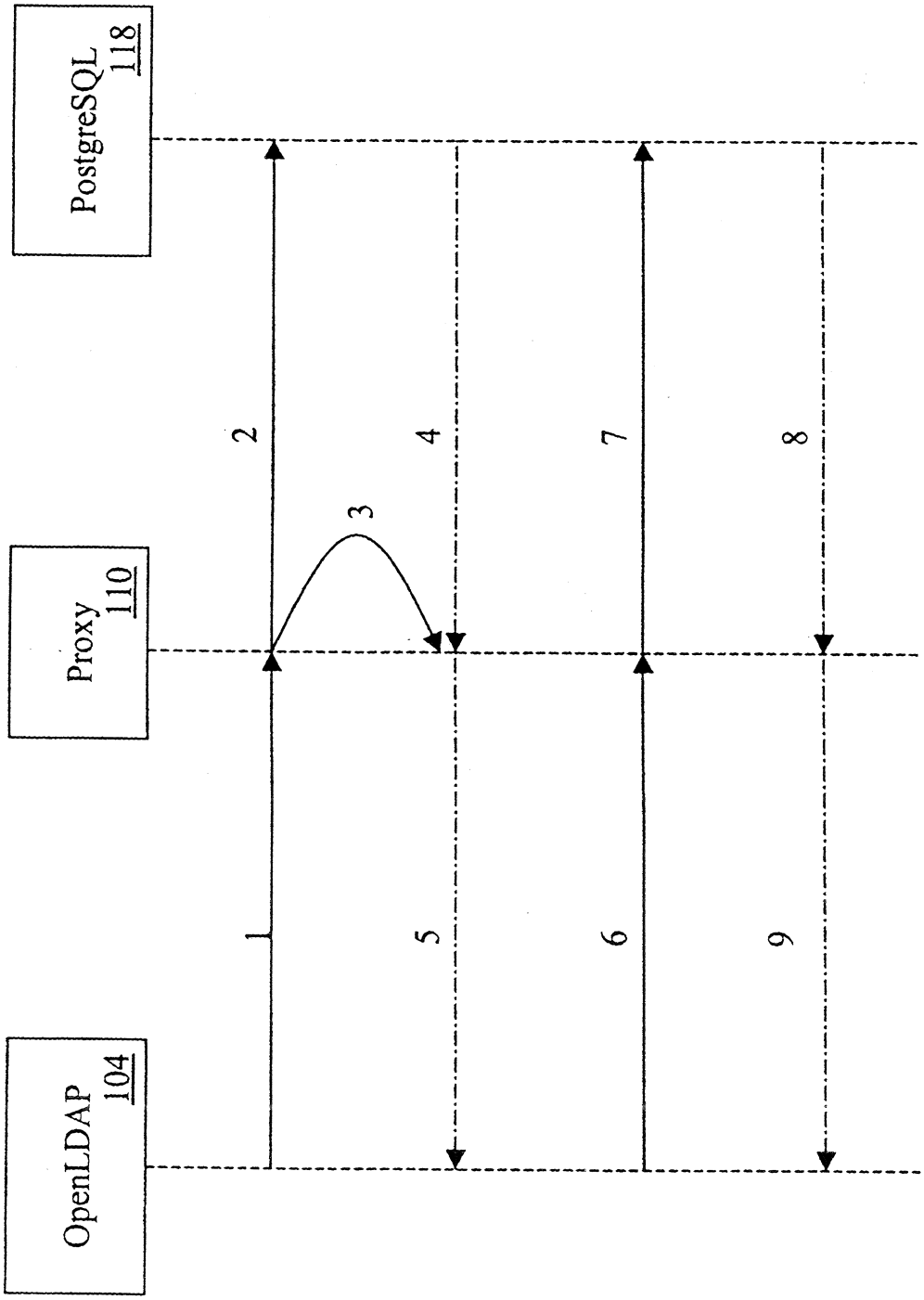


Fig. 2

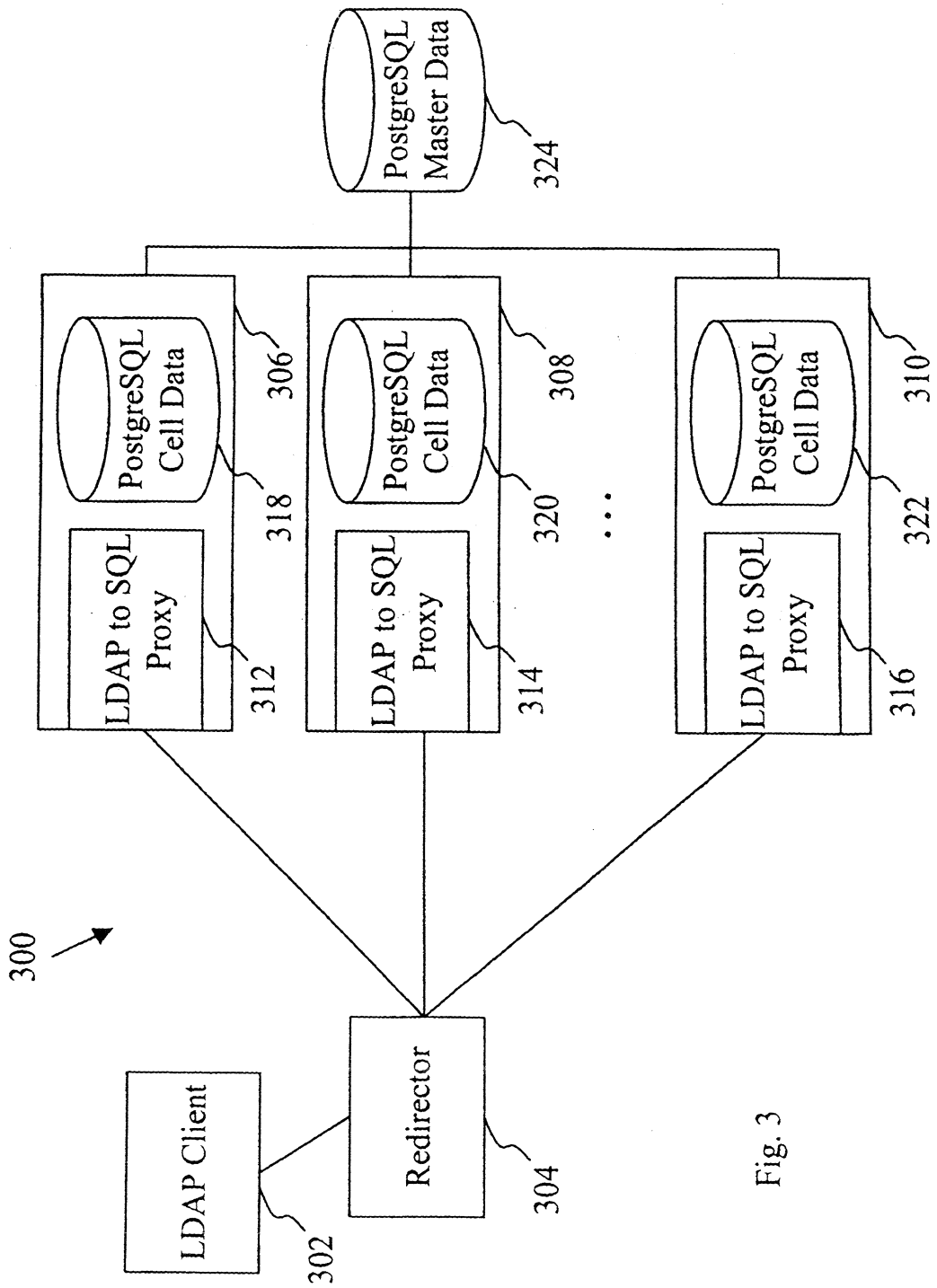

300
LDAP Client
302
Redirector
304
LDAP to SQL Proxy
312
PostgreSQL Cell Data
318
306
LDAP to SQL Proxy
314
PostgreSQL Cell Data
320
308
...
LDAP to SQL Proxy
316
PostgreSQL Cell Data
322
310
PostgreSQL Master Data
324

Fig. 3

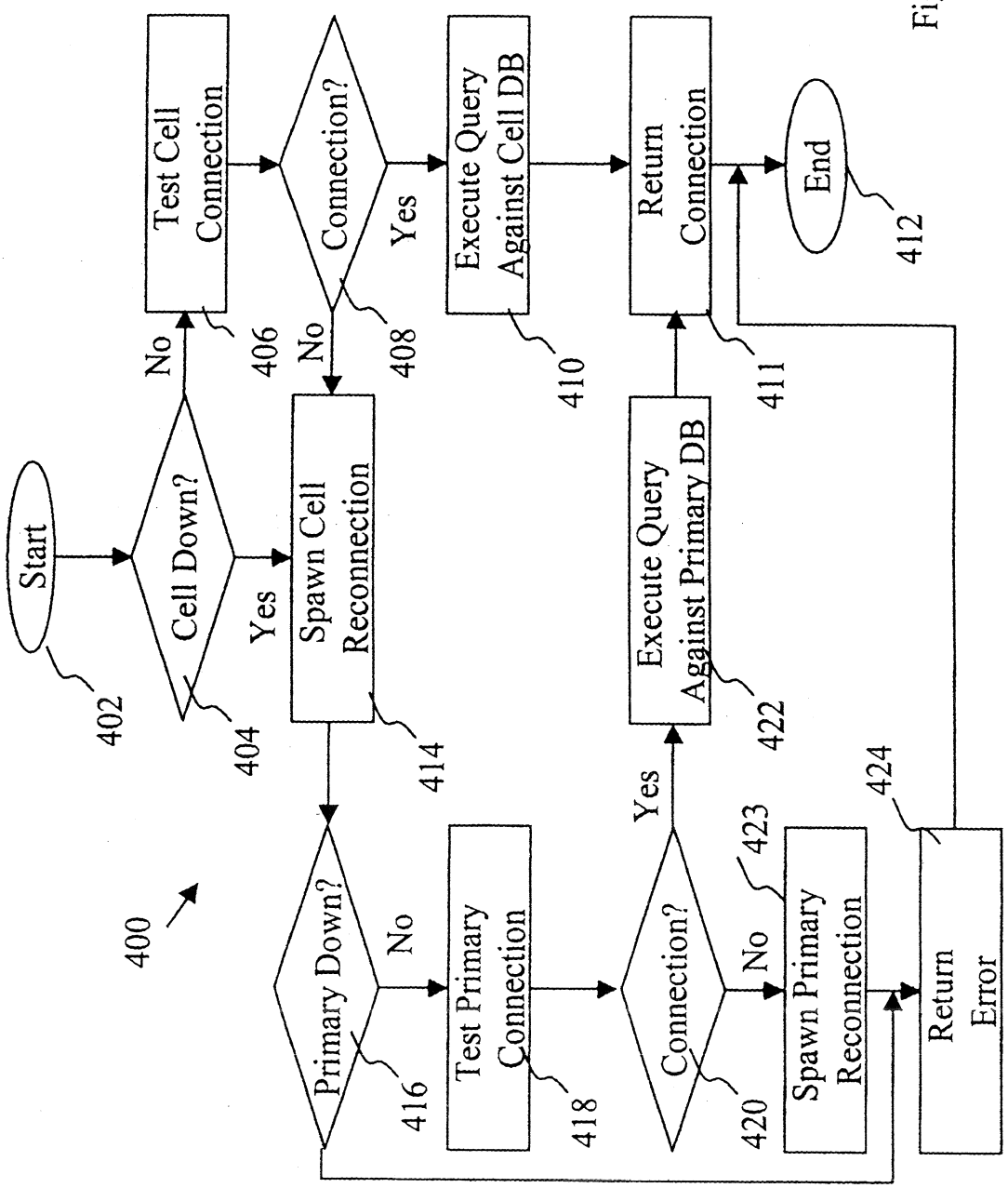

400
Start
402
Cell Down?
404
No
Yes
Test Cell Connection
406
Connection?
408
No
Yes
Spawn Cell Reconnection
414
Execute Query Against Cell DB
410
Return Connection
411
End
412
Primary Down?
416
No
Test Primary Connection
418
Connection?
420
Yes
No
Execute Query Against Primary DB
422
Spawn Primary Reconnection
423
Return Error
424

Fig. 4