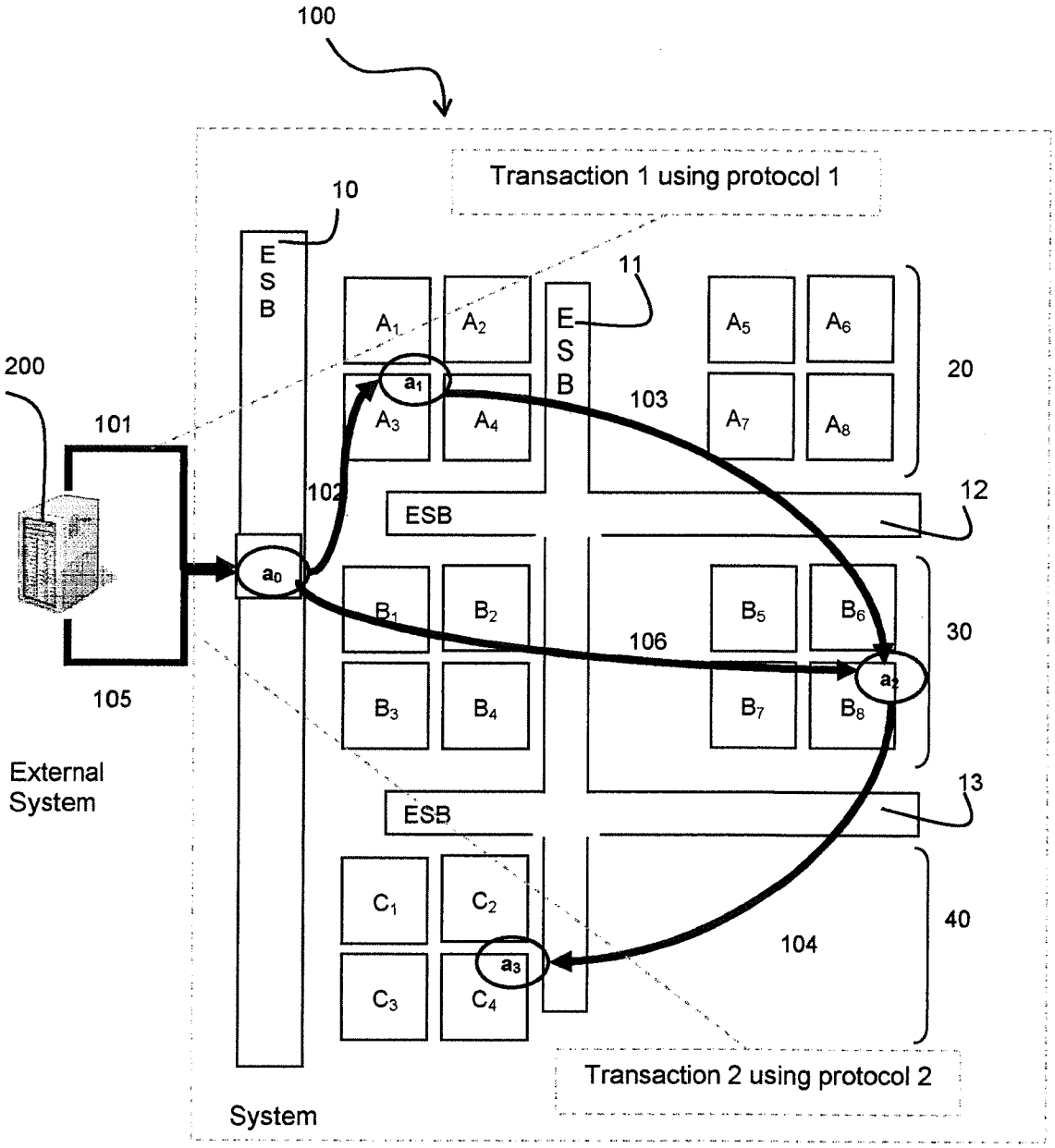
100
Transaction 1 using protocol 1
10
E S B
11
E S B
A1
A2
A3
A4
A5
A6
A7
A8
20
200
101
a1
103
102
ESB
12
a0
B1
B2
B3
B4
B5
B6
B7
B8
106
30
a2
105
External System
ESB
13
C1
C2
C3
C4
a3
40
104
Transaction 2 using protocol 2
System

FIG. 1

SI

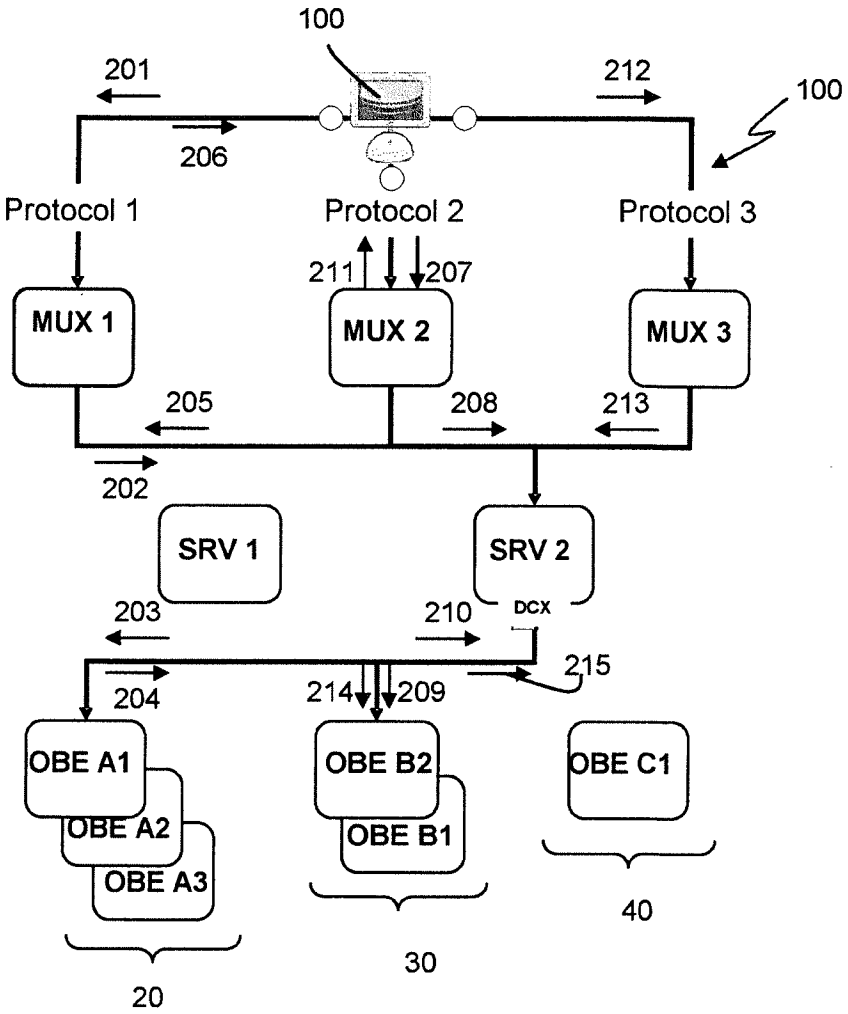
100
201
212
100
206
Protocol 1
Protocol 2
Protocol 3
211
207
MUX 1
MUX 2
MUX 3
205
208
213
202
SRV 1
SRV 2
DCX
203
210
215
204
214
209
OBE A1
OBE A2
OBE A3
OBE B2
OBE B1
OBE C1
20
30
40

FIG. 2

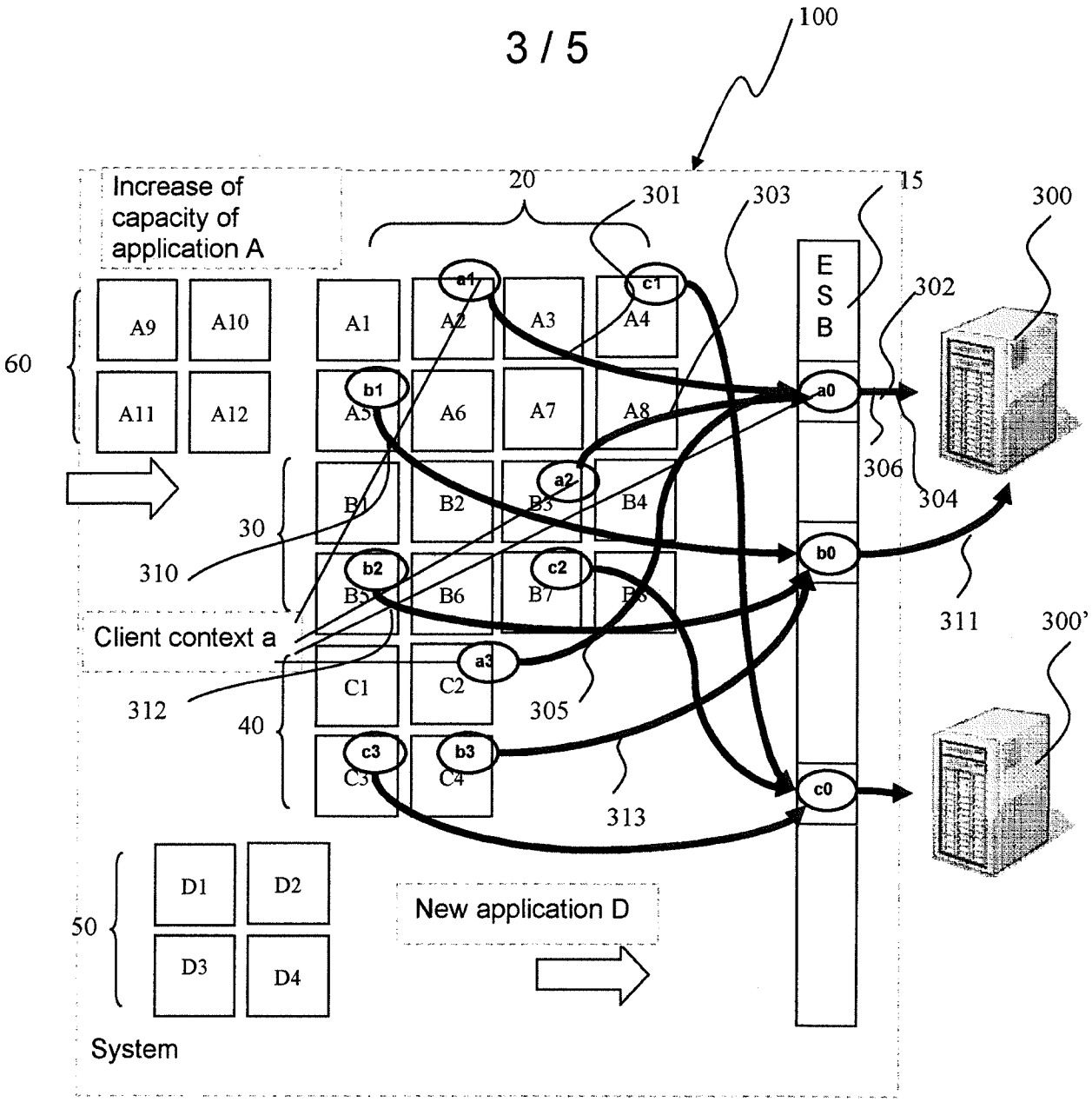
100
Increase of capacity of application A
20
301
303
15
300
ESB
302
60
A9
A10
A11
A12
A1
A2
A3
A4
A5
A6
A7
A8
a1
c1
b1
a0
a2
306
304
B1
B2
B3
B4
30
310
b2
c2
b0
B5
B6
B7
B8
311
300'
Client context a
a3
C1
C2
312
305
40
c3
b3
C3
C4
c0
313
D1
D2
D3
D4
50
New application D
System

FIG. 3

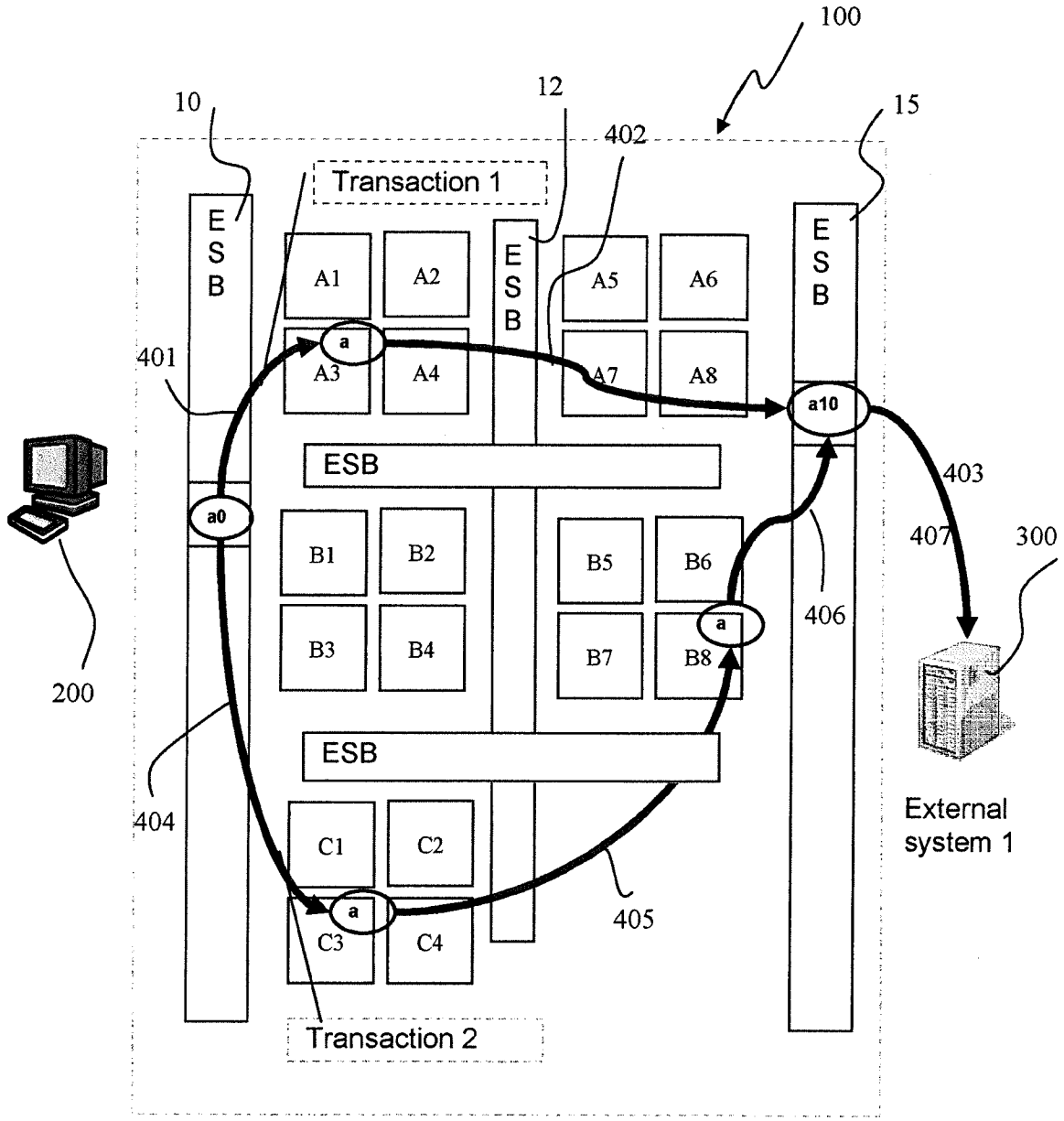
100
10
12
15
402
Transaction 1
E S B
A1
A2
A3
A4
A5
A6
A7
A8
a
401
a10
403
ESB
a0
B1
B2
B3
B4
B5
B6
B7
B8
406
407
300
200
ESB
404
C1
C2
C3
C4
405
External system 1
Transaction 2

FIG. 4

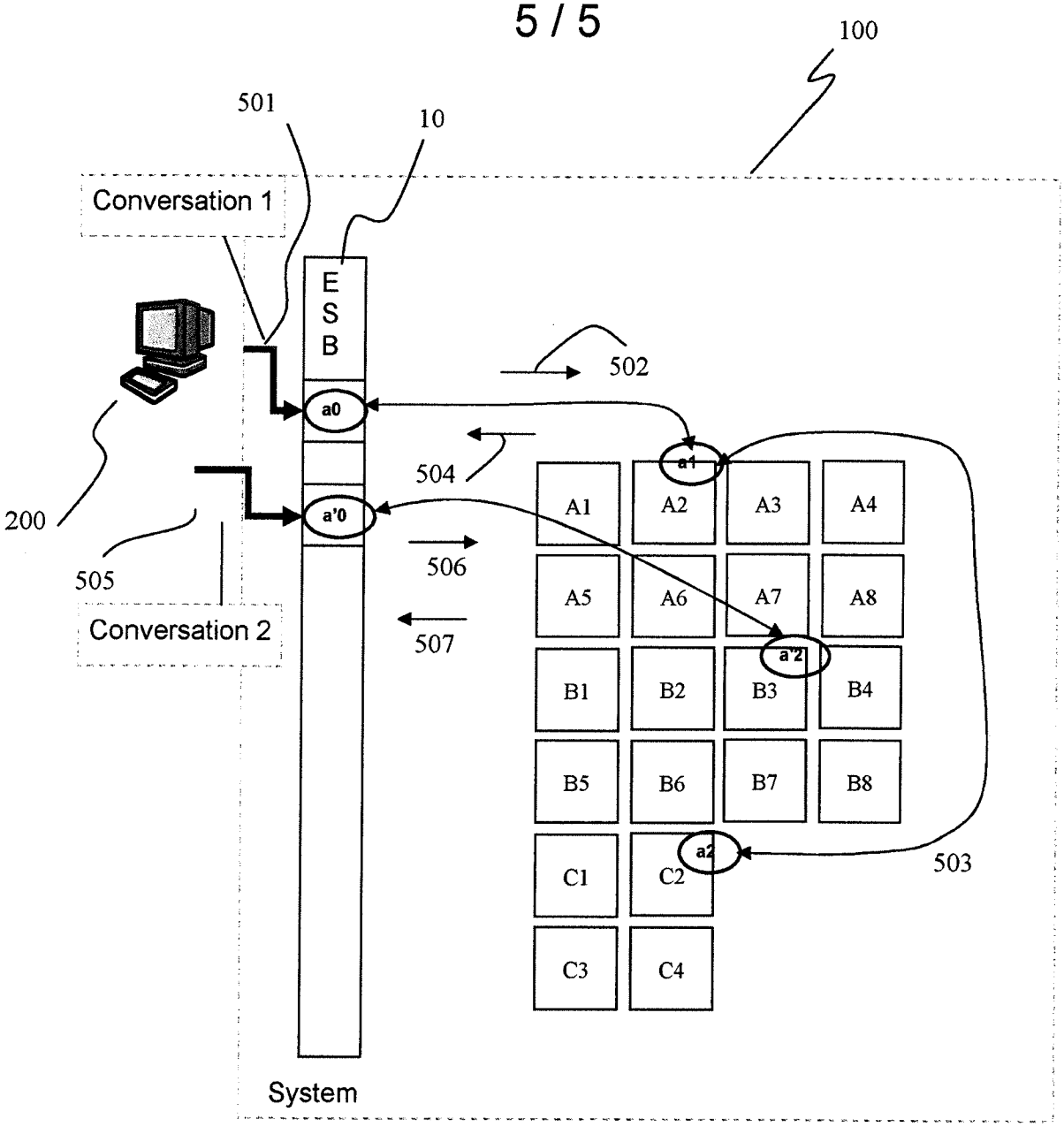
100
501
10
Conversation 1
E
S
B
502
a0
a1
504
200
a'0
A1
A2
A3
A4
505
506
A5
A6
A7
A8
Conversation 2
507
a'2
B1
B2
B3
B4
B5
B6
B7
B8
a2
503
C1
C2
C3
C4
System

FIG. 5