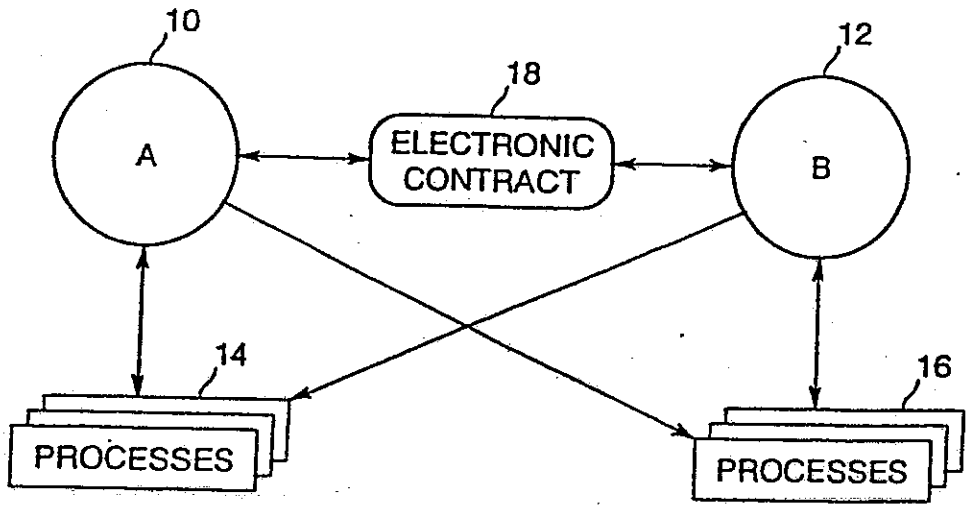


Figure 1

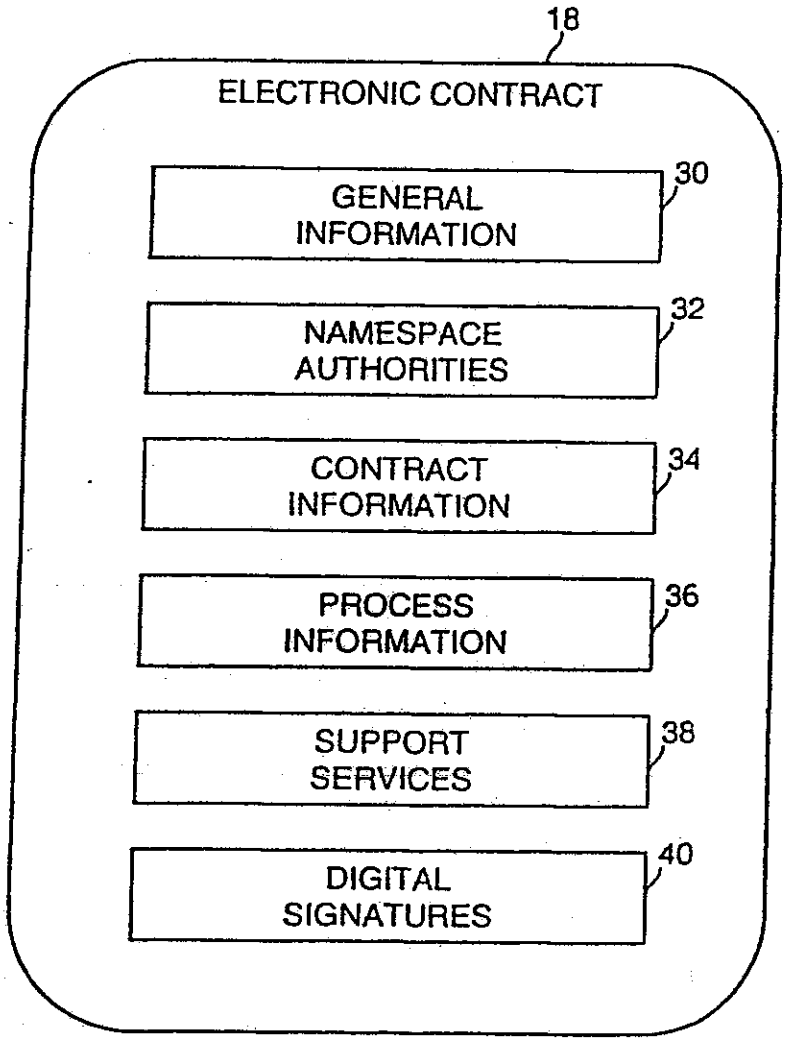

18
ELECTRONIC CONTRACT
GENERAL INFORMATION
30
NAMESPACE AUTHORITIES
32
CONTRACT INFORMATION
34
PROCESS INFORMATION
36
SUPPORT SERVICES
38
DIGITAL SIGNATURES
40

Figure 2

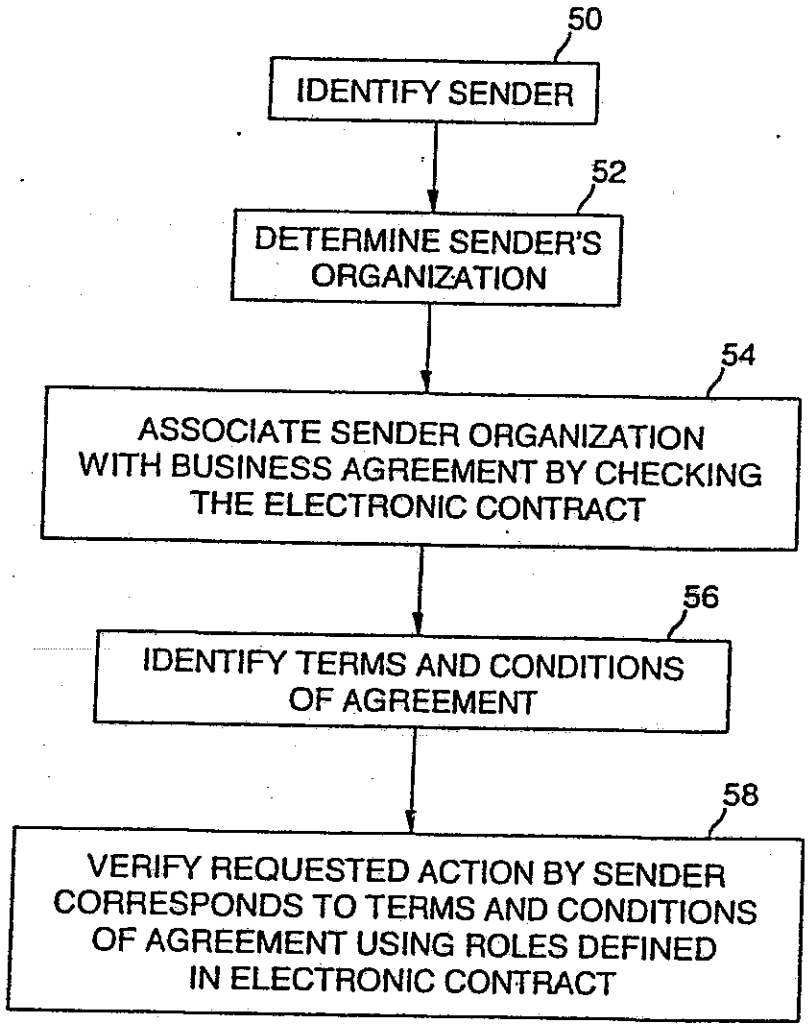

50
IDENTIFY SENDER
52
DETERMINE SENDER'S ORGANIZATION
54
ASSOCIATE SENDER ORGANIZATION WITH BUSINESS AGREEMENT BY CHECKING THE ELECTRONIC CONTRACT
56
IDENTIFY TERMS AND CONDITIONS OF AGREEMENT
58
VERIFY REQUESTED ACTION BY SENDER CORRESPONDS TO TERMS AND CONDITIONS OF AGREEMENT USING ROLES DEFINED IN ELECTRONIC CONTRACT

Figure 3

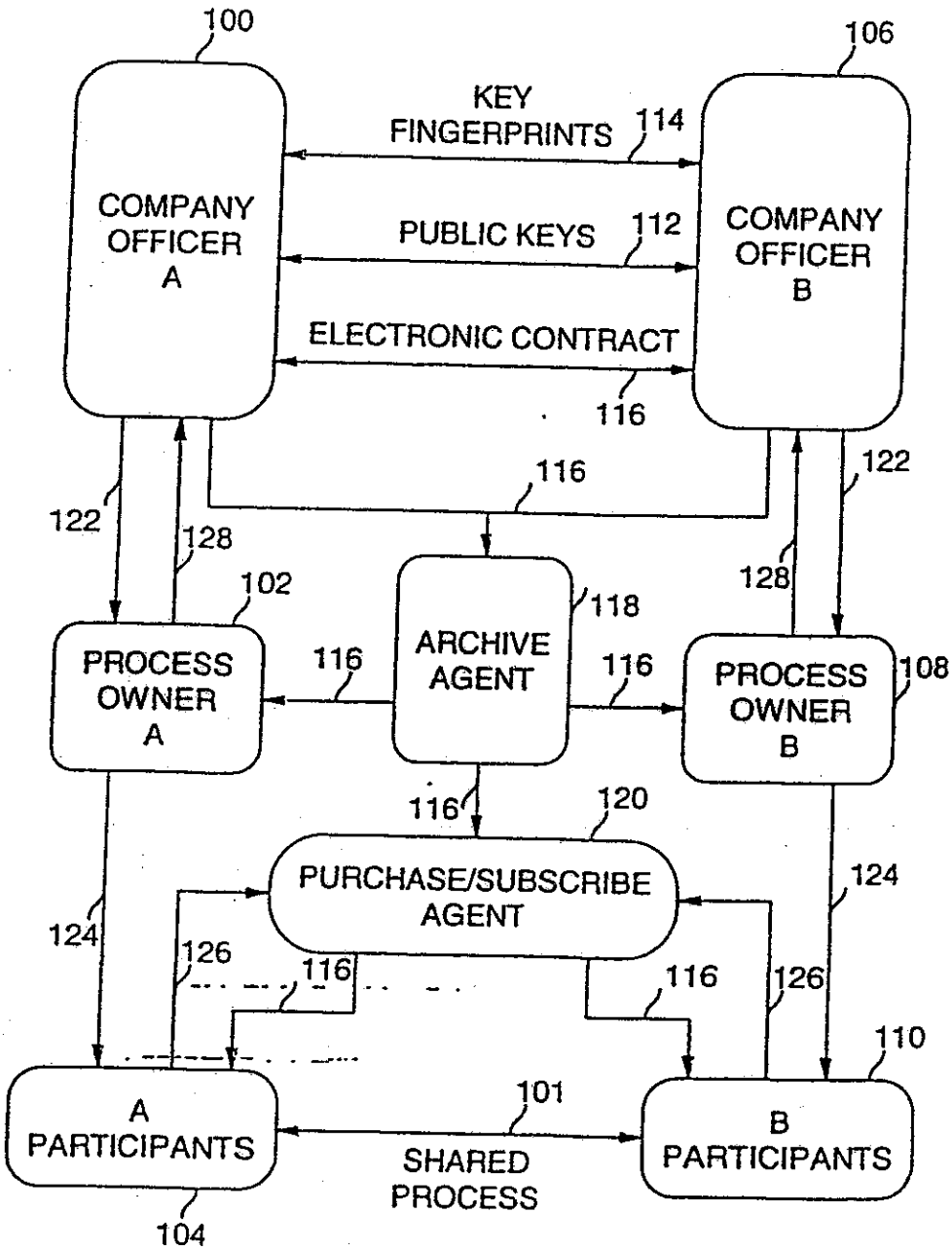

100
106
KEY FINGERPRINTS
114
COMPANY OFFICER A
PUBLIC KEYS
112
COMPANY OFFICER B
ELECTRONIC CONTRACT
116
122
116
122
128
128
102
118
PROCESS OWNER A
116
ARCHIVE AGENT
116
PROCESS OWNER B
108
116
120
PURCHASE/SUBSCRIBE AGENT
124
124
126
116
116
126
110
A PARTICIPANTS
101
SHARED PROCESS
B PARTICIPANTS
104

Figure 4

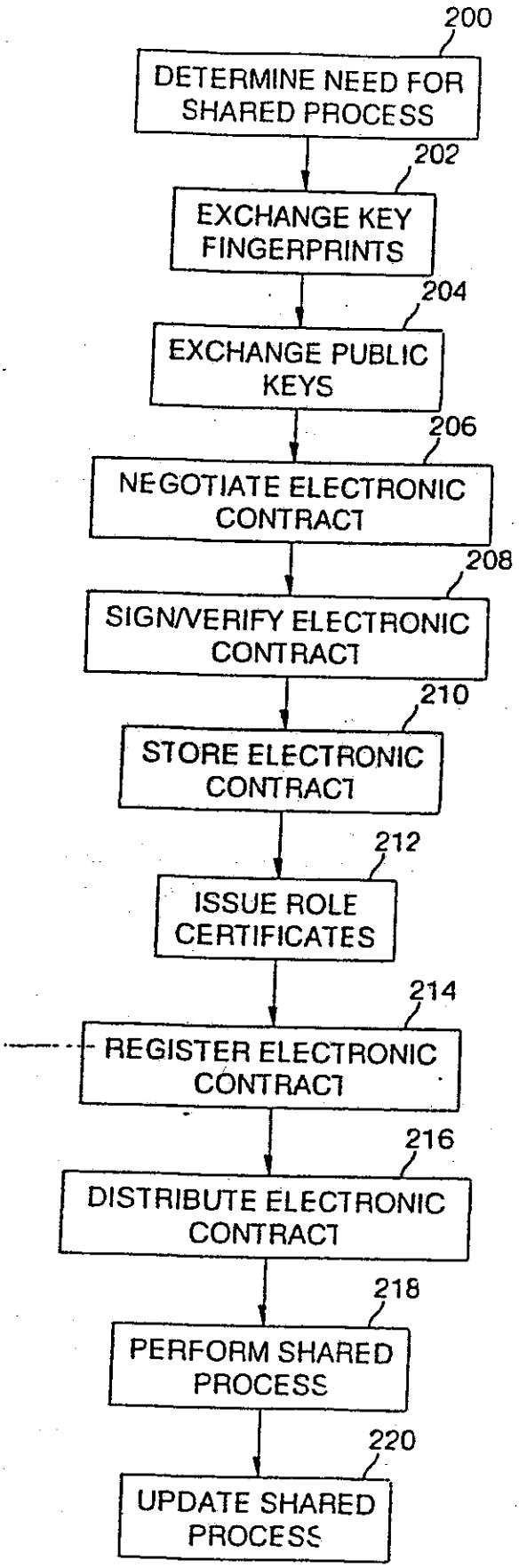

200
DETERMINE NEED FOR SHARED PROCESS
202
EXCHANGE KEY FINGERPRINTS
204
EXCHANGE PUBLIC KEYS
206
NEGOTIATE ELECTRONIC CONTRACT
208
SIGN/VERIFY ELECTRONIC CONTRACT
210
STORE ELECTRONIC CONTRACT
212
ISSUE ROLE CERTIFICATES
214
REGISTER ELECTRONIC CONTRACT
216
DISTRIBUTE ELECTRONIC CONTRACT
218
PERFORM SHARED PROCESS
220
UPDATE SHARED PROCESS

Figure 5

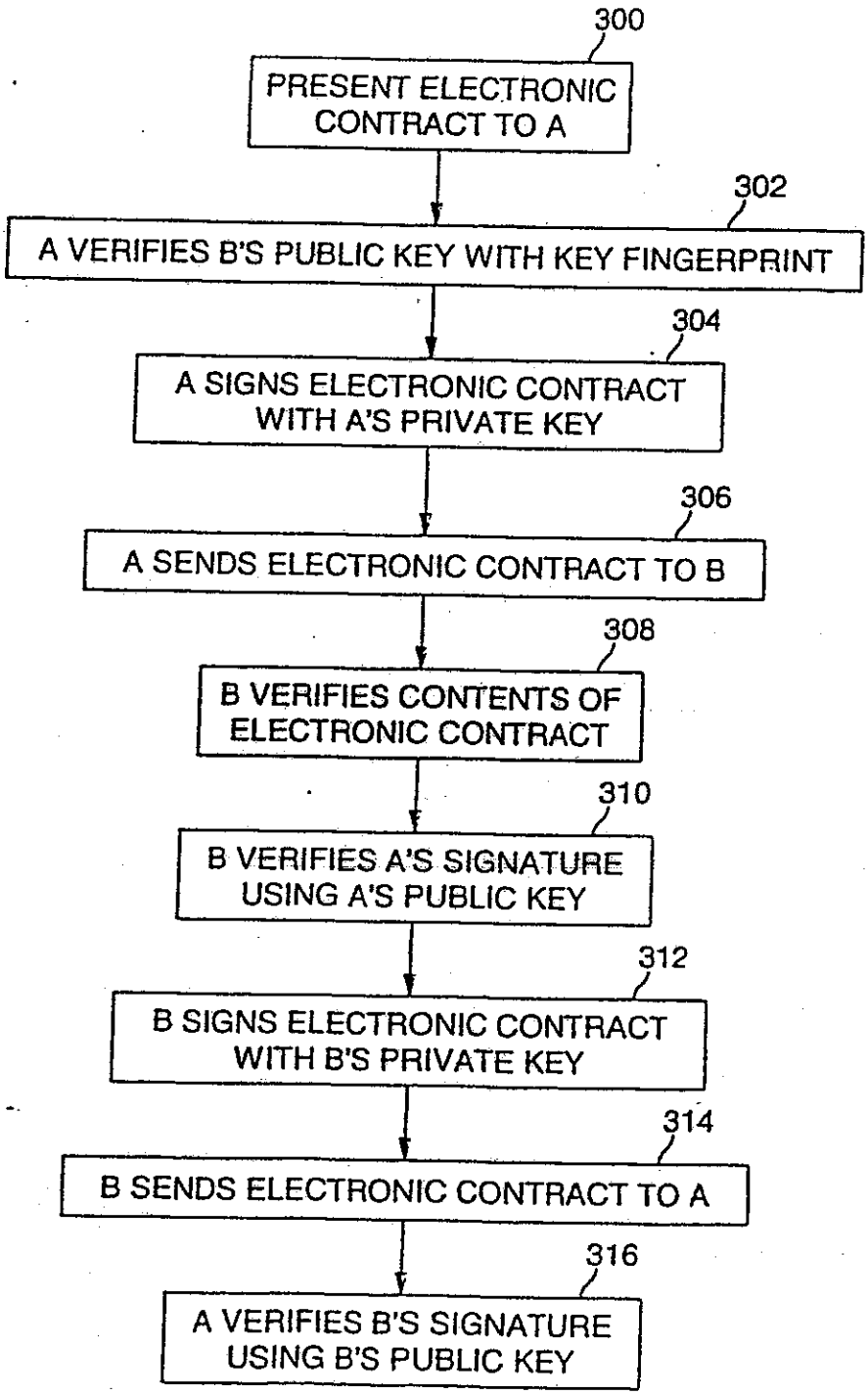

300
PRESENT ELECTRONIC CONTRACT TO A
302
A VERIFIES B'S PUBLIC KEY WITH KEY FINGERPRINT
304
A SIGNS ELECTRONIC CONTRACT WITH A'S PRIVATE KEY
306
A SENDS ELECTRONIC CONTRACT TO B
308
B VERIFIES CONTENTS OF ELECTRONIC CONTRACT
310
B VERIFIES A'S SIGNATURE USING A'S PUBLIC KEY
312
B SIGNS ELECTRONIC CONTRACT WITH B'S PRIVATE KEY
314
B SENDS ELECTRONIC CONTRACT TO A
316
A VERIFIES B'S SIGNATURE USING B'S PUBLIC KEY

Figure 6

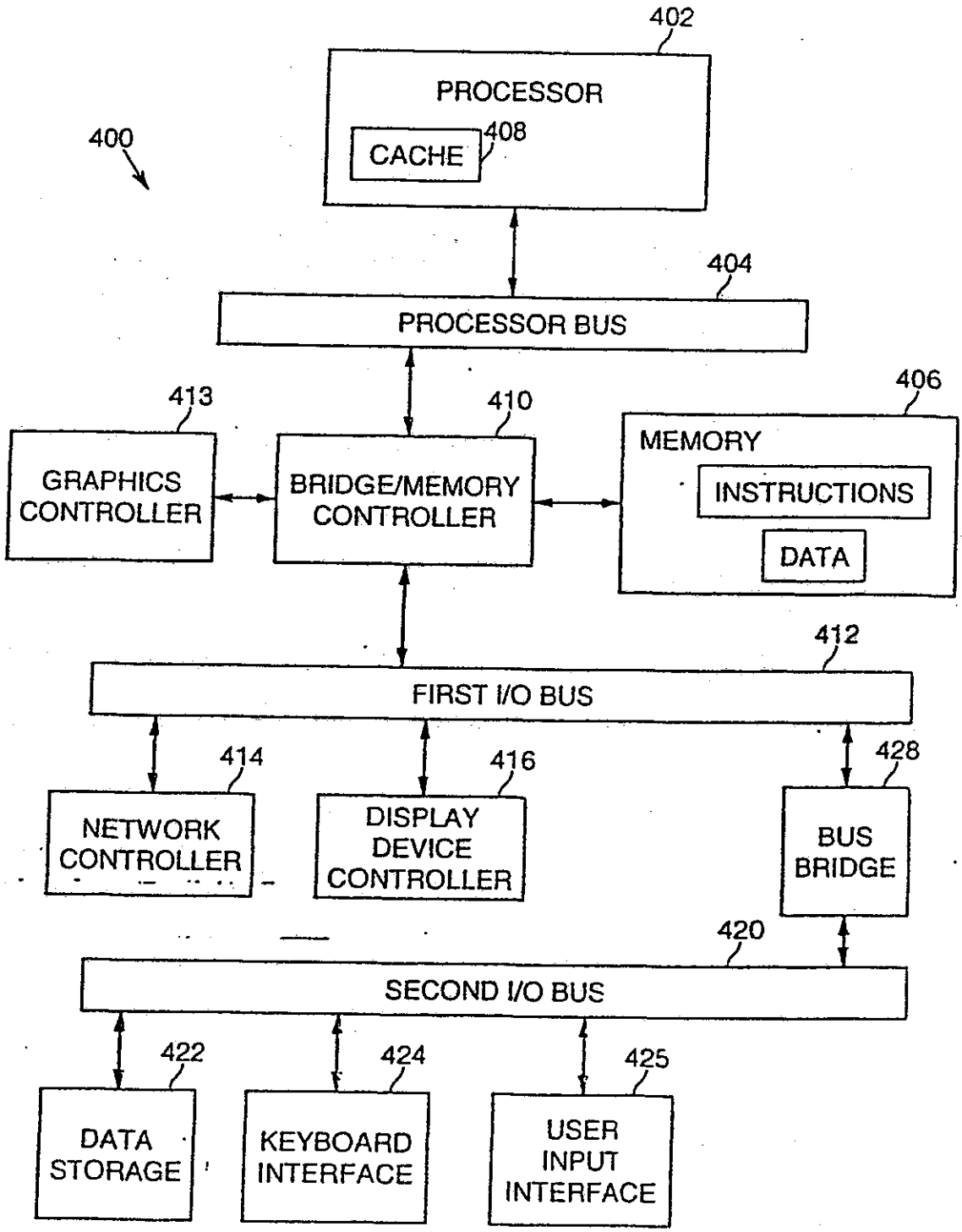

402
PROCESSOR
CACHE
408
400
404
PROCESSOR BUS
413
410
406
GRAPHICS CONTROLLER
BRIDGE/MEMORY CONTROLLER
MEMORY
INSTRUCTIONS
DATA
412
FIRST I/O BUS
414
416
428
NETWORK CONTROLLER
DISPLAY DEVICE CONTROLLER
BUS BRIDGE
420
SECOND I/O BUS
422
424
425
DATA STORAGE
KEYBOARD INTERFACE
USER INPUT INTERFACE

Figure 7