FIG. 1

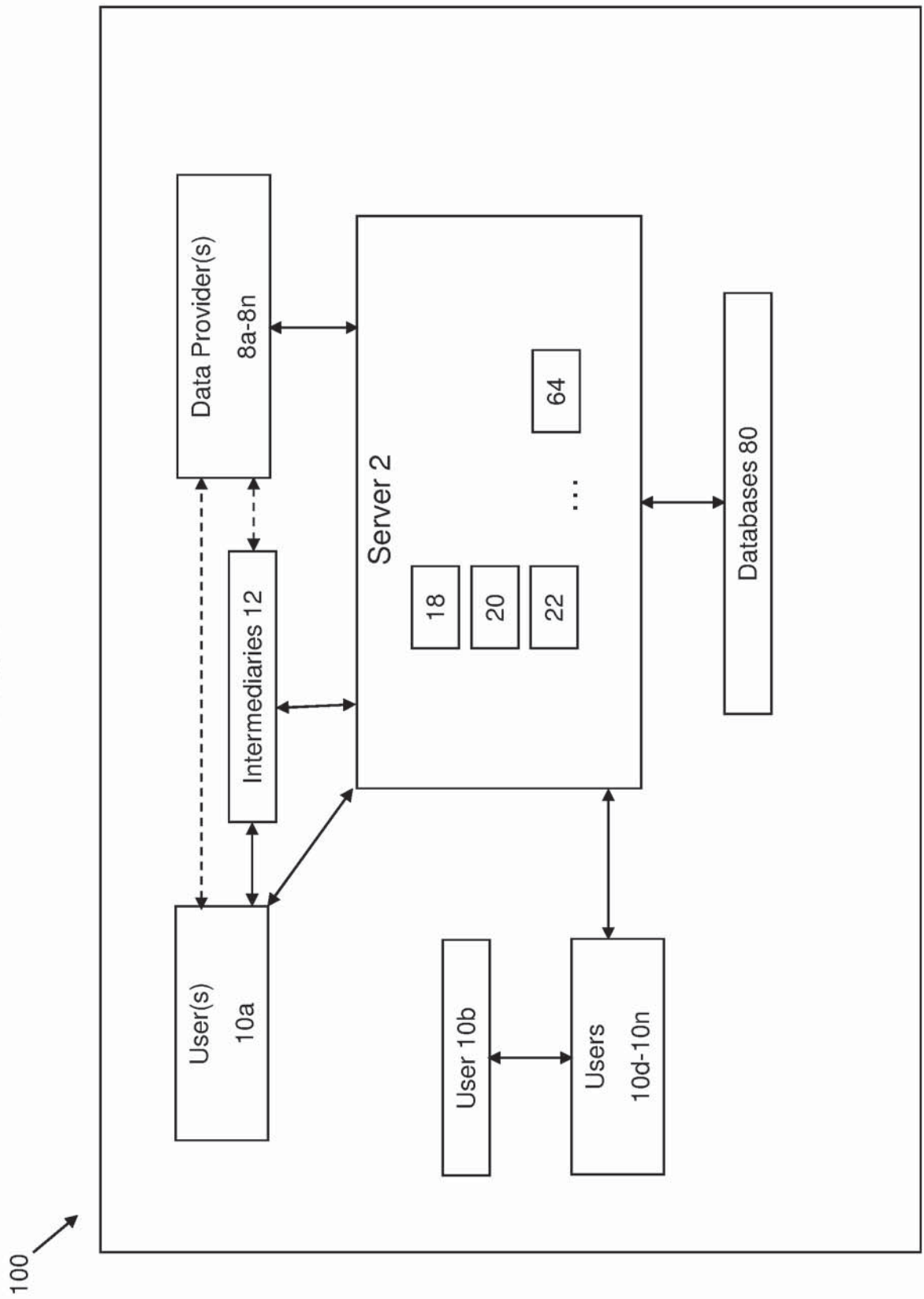

100
Data Provider(s)
8a-8n
Intermediaries 12
User(s)
10a
Server 2
18
20
22
64
...
Databases 80
User 10b
Users
10d-10n

FIG. 2

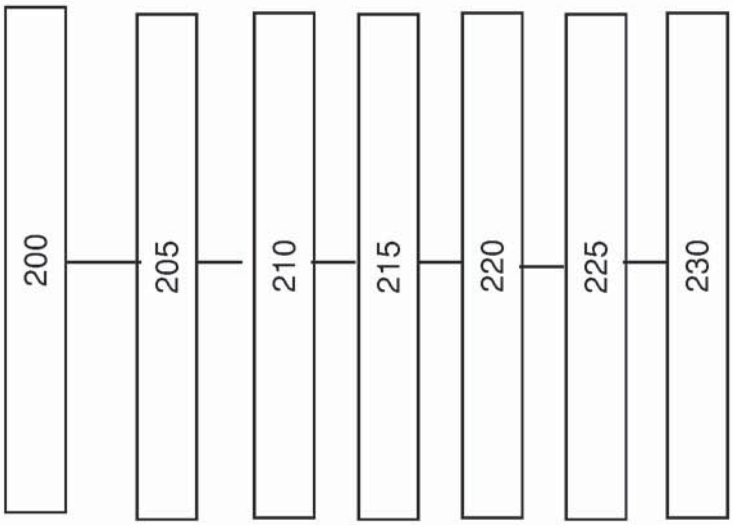


FIG. 3

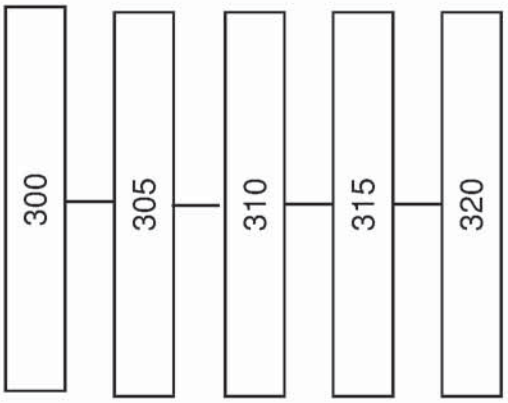


FIG. 4

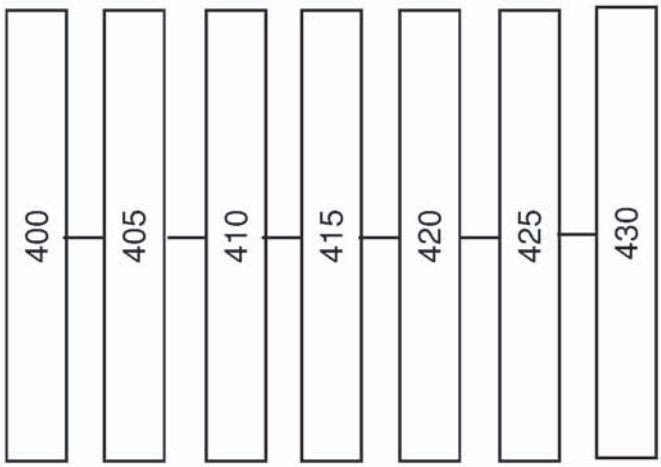


FIG. 5

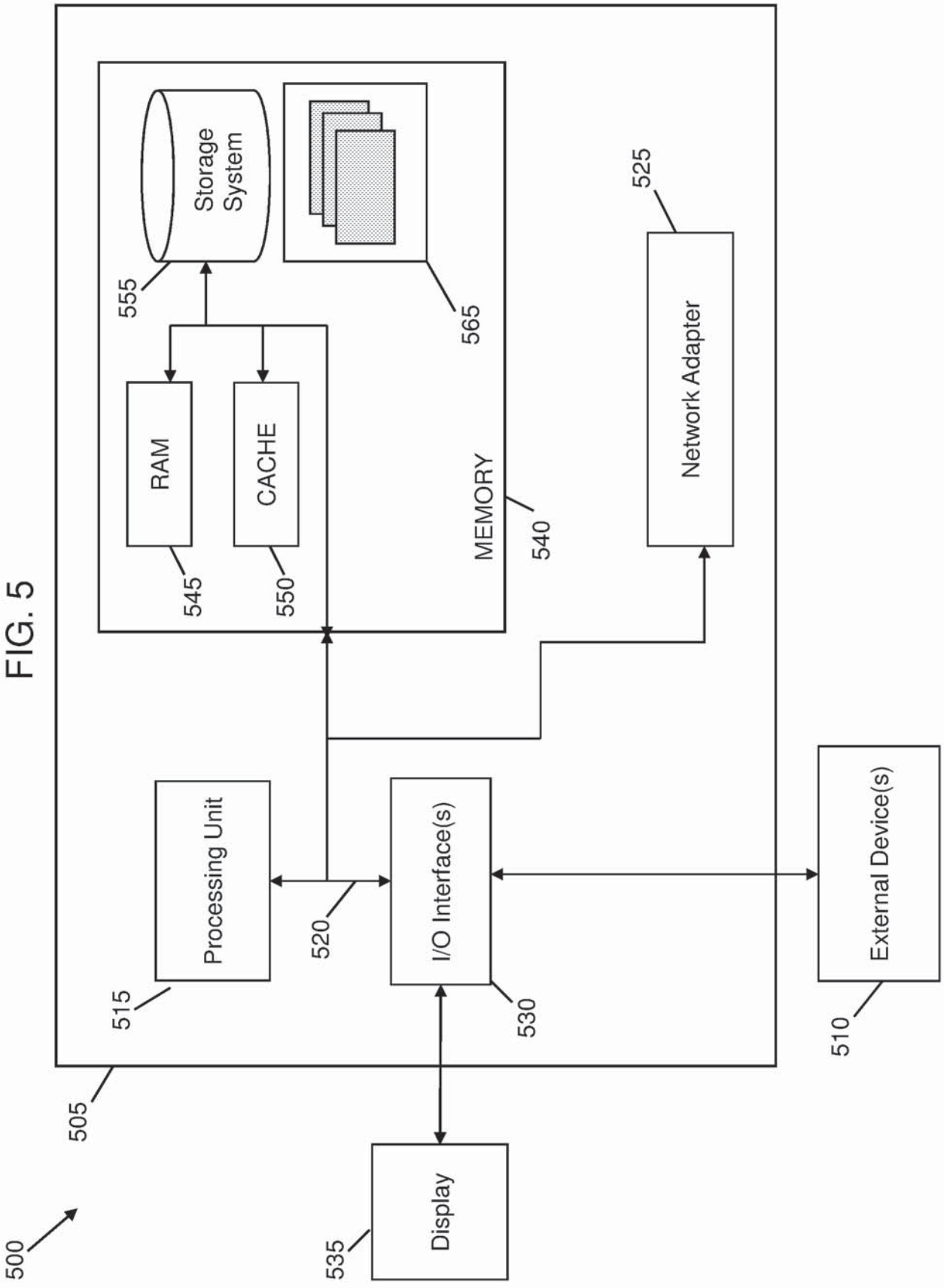
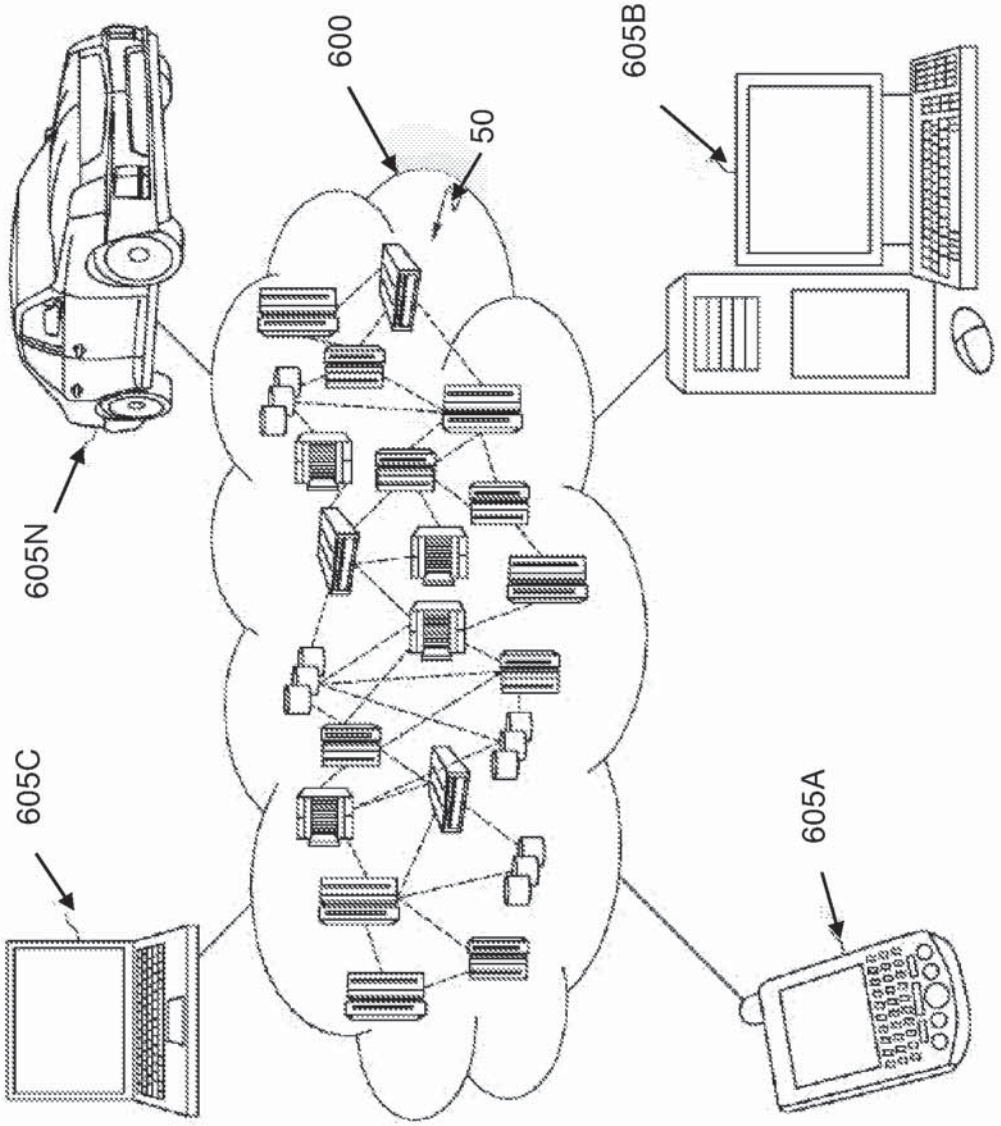

500
505
Storage System
555
565
RAM
545
CACHE
550
MEMORY
540
525
Network Adapter
Processing Unit
515
520
I/O Interface(s)
530
External Device(s)
510
Display
535

FIG. 6



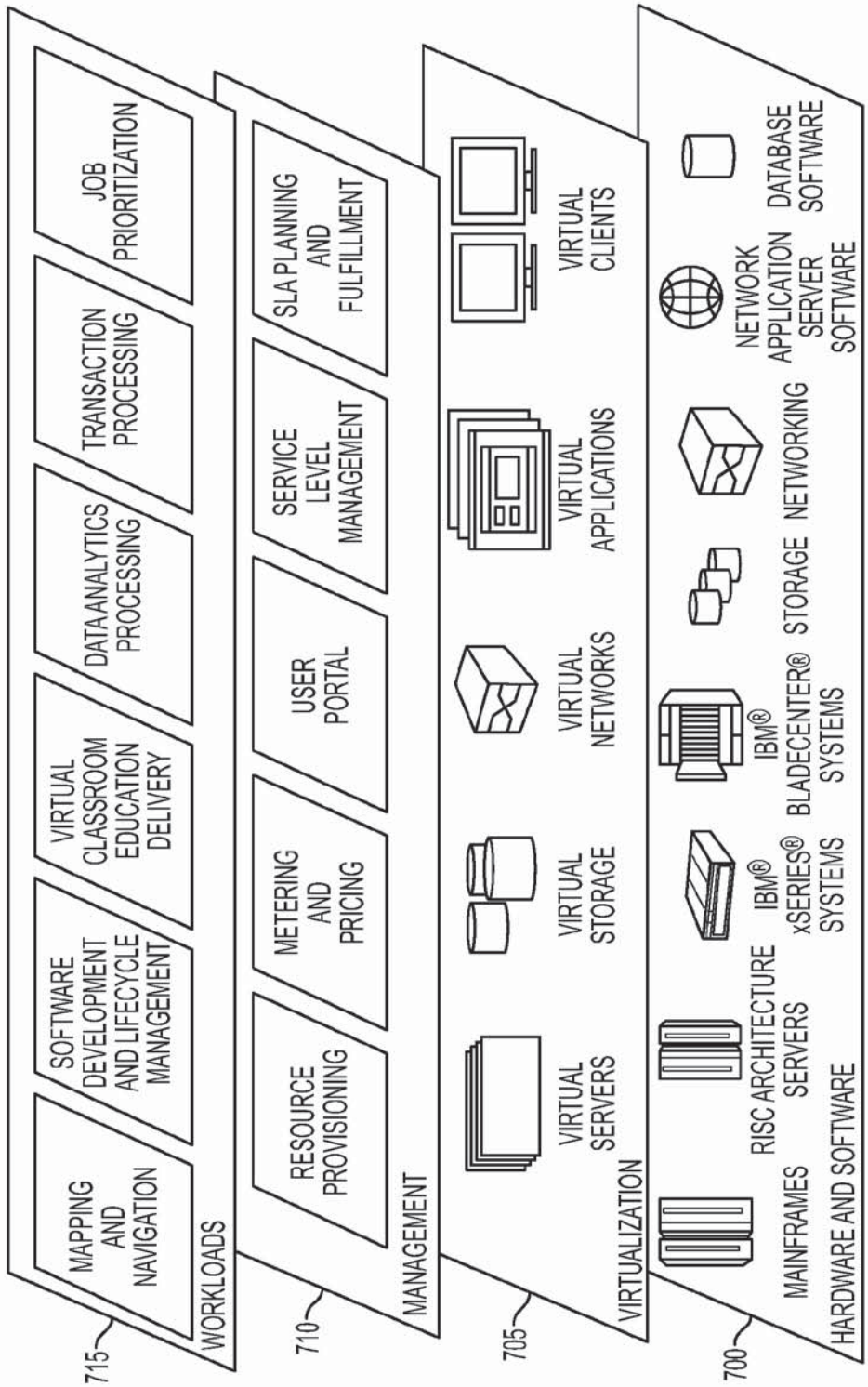

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MAPPING AND NAVIGATION
SOFTWARE DEVELOPMENT AND LIFECYCLE MANAGEMENT
VIRTUAL CLASSROOM EDUCATION DELIVERY
DATA ANALYTICS PROCESSING
TRANSACTION PROCESSING
JOB PRIORITIZATION
WORKLOADS
710
RESOURCE PROVISIONING
METERING AND PRICING
USER PORTAL
SERVICE LEVEL MANAGEMENT
SLA PLANNING AND FULFILLMENT
MANAGEMENT
705
VIRTUAL SERVERS
VIRTUAL STORAGE
VIRTUAL NETWORKS
VIRTUAL APPLICATIONS
VIRTUAL CLIENTS
VIRTUALIZATION
700
MAINFRAMES
RISC ARCHITECTURE SERVERS
IBM® xSERIES® SYSTEMS
IBM® BLADECENTER® SYSTEMS
STORAGE
NETWORKING
NETWORK APPLICATION SERVER SOFTWARE
DATABASE SOFTWARE
HARDWARE AND SOFTWARE

FIG. 7