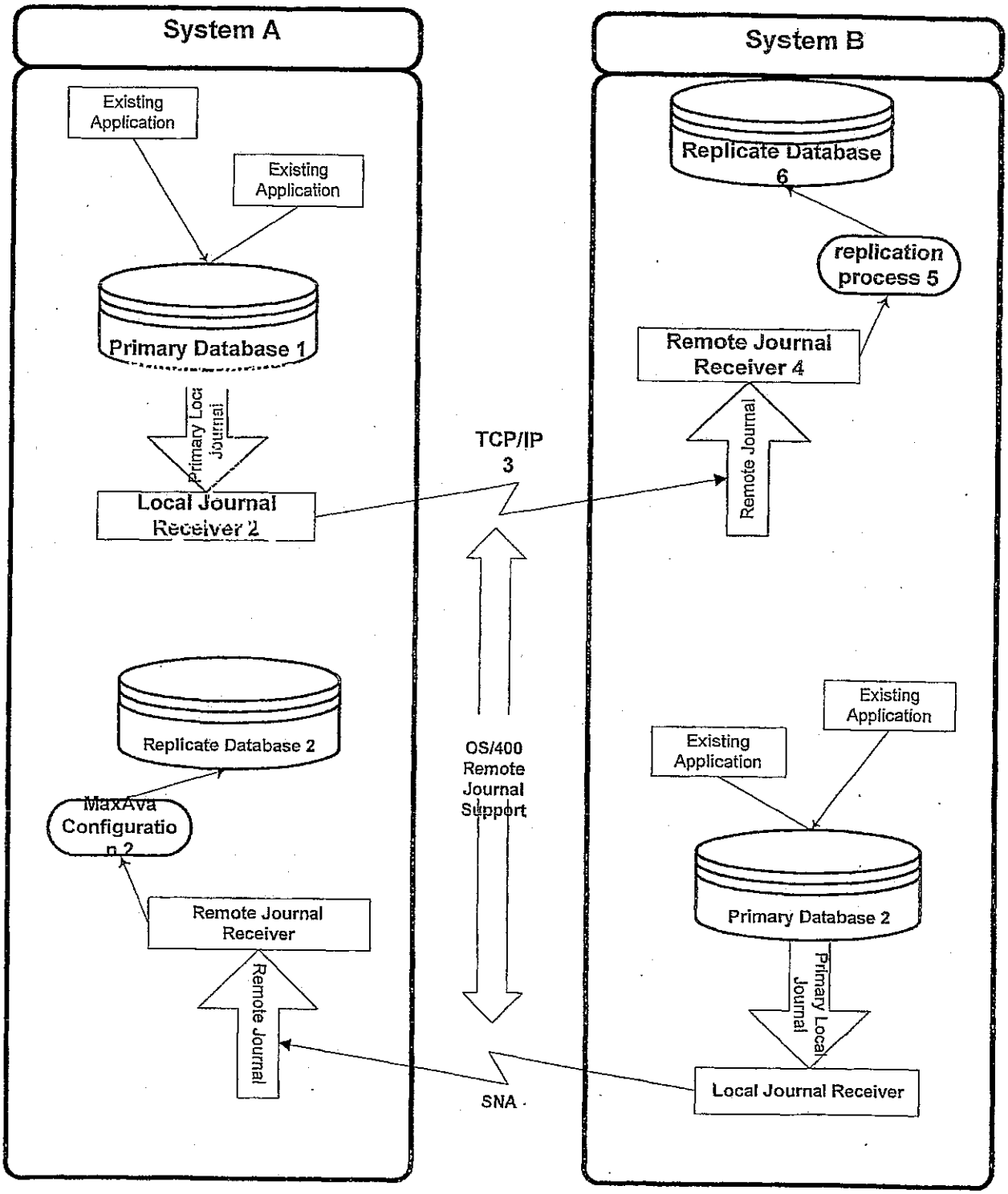

System A
Existing Application
Existing Application
Primary Database 1
Primary Local Journal
Local Journal Receiver 2
Replicate Database 2
MaxAva Configuratio n 2
Remote Journal Receiver
Remote Journal
TCP/IP 3
OS/400 Remote Journal Support
SNA
System B
Replicate Database 6
replication process 5
Remote Journal Receiver 4
Remote Journal
Existing Application
Existing Application
Primary Database 2
Primary Local Journal
Local Journal Receiver

FIGURE 1

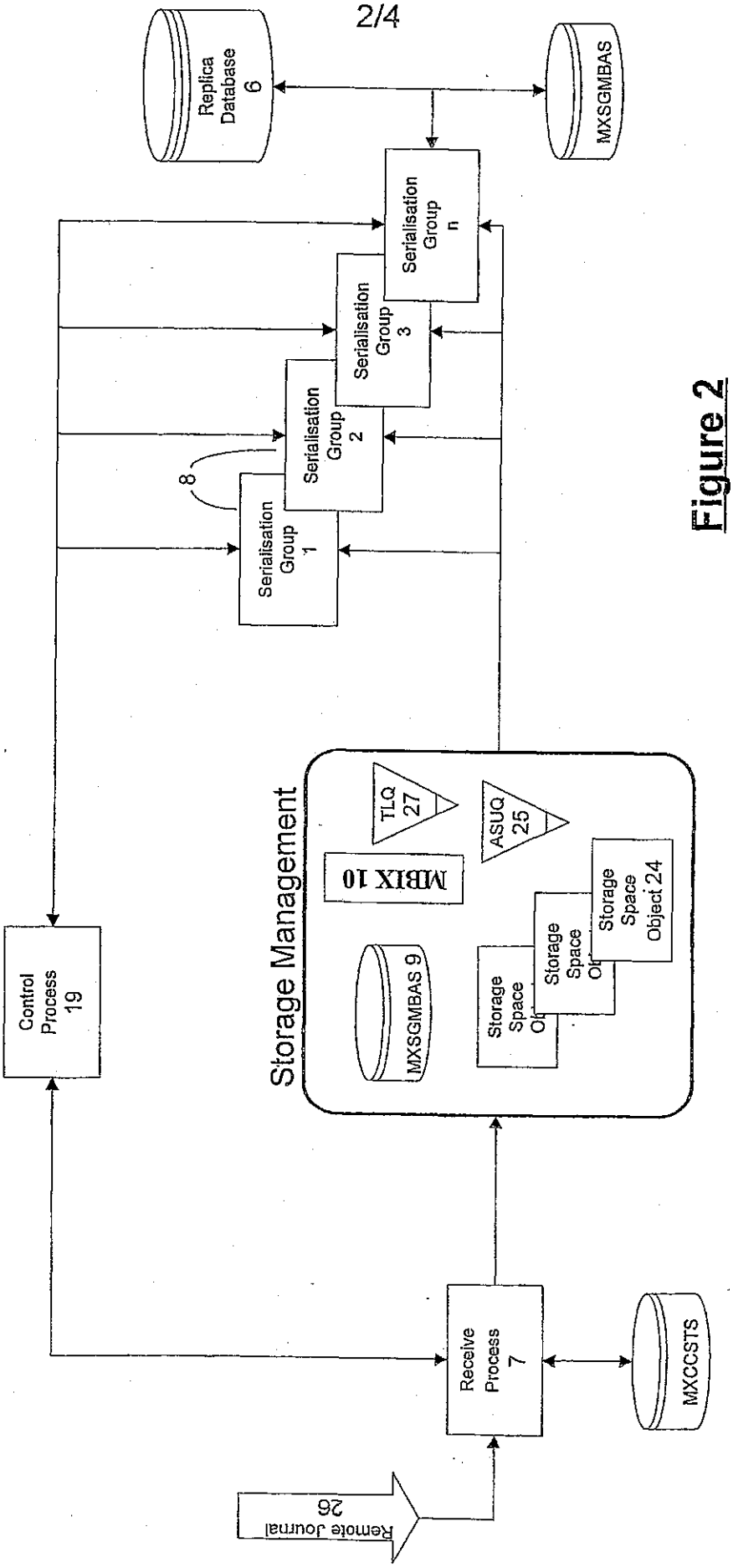
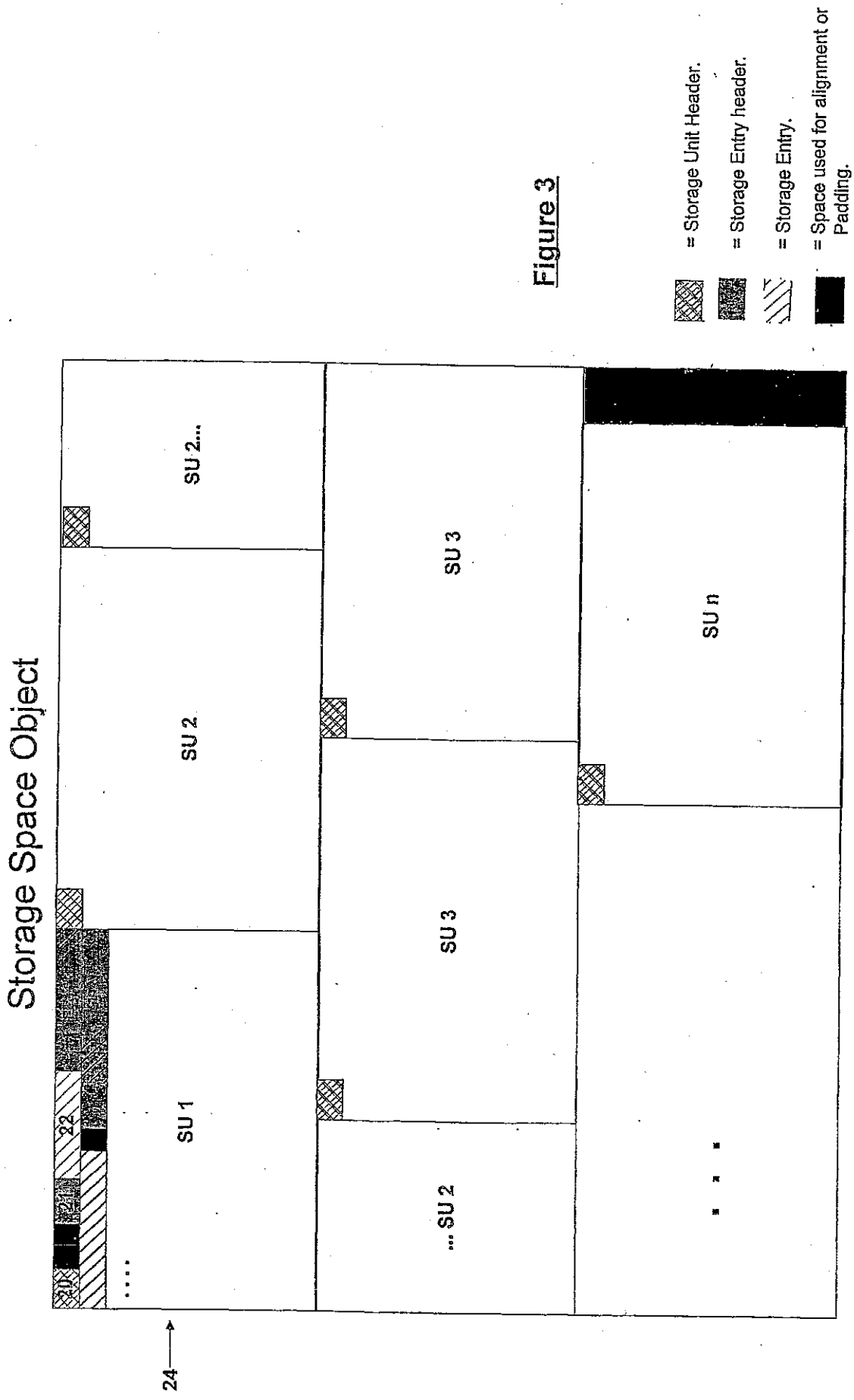

Replica Database 6
MXSGMBAS
Serialisation Group n
Serialisation Group 3
Serialisation Group 2
Serialisation Group 1
8
Storage Management
TLQ 27
ASUQ 25
MBIX 10
MXSGMBAS 9
Storage Space Object 24
Control Process 19
Receive Process 7
MXCCSTS
Remote Journal 26

Figure 2

Figure 3


= Storage Unit Header.
= Storage Entry header.
= Storage Entry.
= Space used for alignment or Padding.
Storage Space Object
SU 1
SU 2
SU 3
SU n
SU 2...
SU 3
... SU 2
20
21
22
24

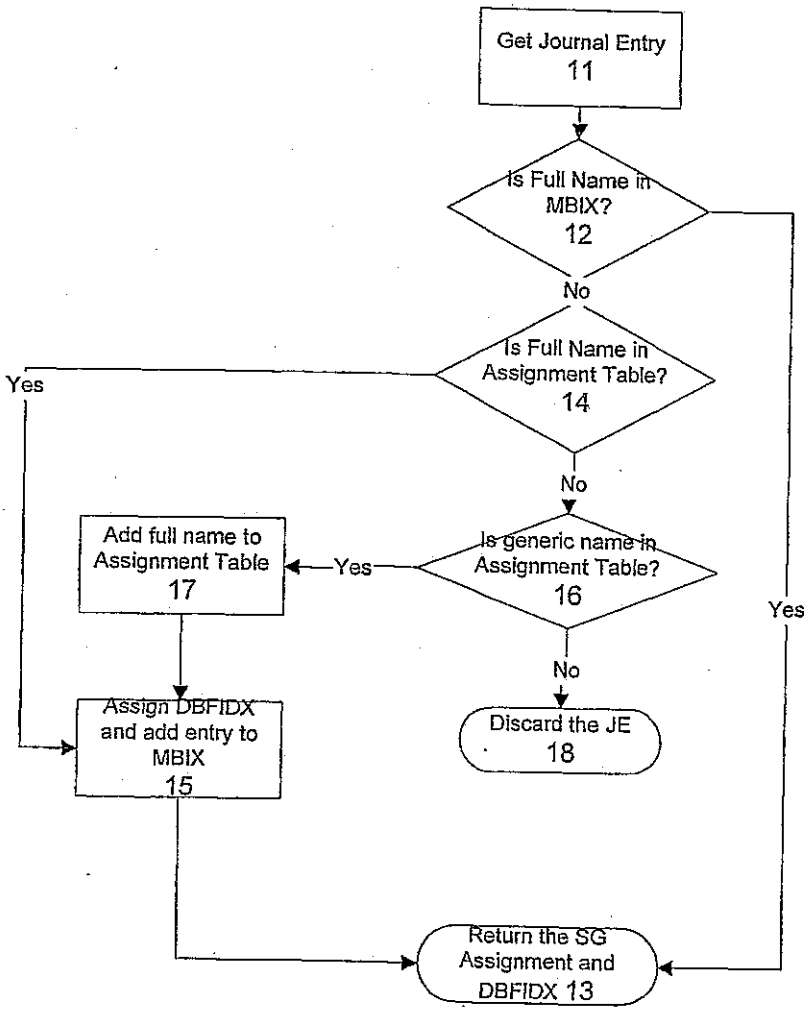

Get Journal Entry
11
Is Full Name in MBIX?
12
No
Is Full Name in Assignment Table?
14
Yes
No
Is generic name in Assignment Table?
16
Yes
Add full name to Assignment Table
17
Yes
No
Assign DBFIDX and add entry to MBIX
15
Discard the JE
18
Yes
Return the SG Assignment and DBFIDX 13

Figure 4