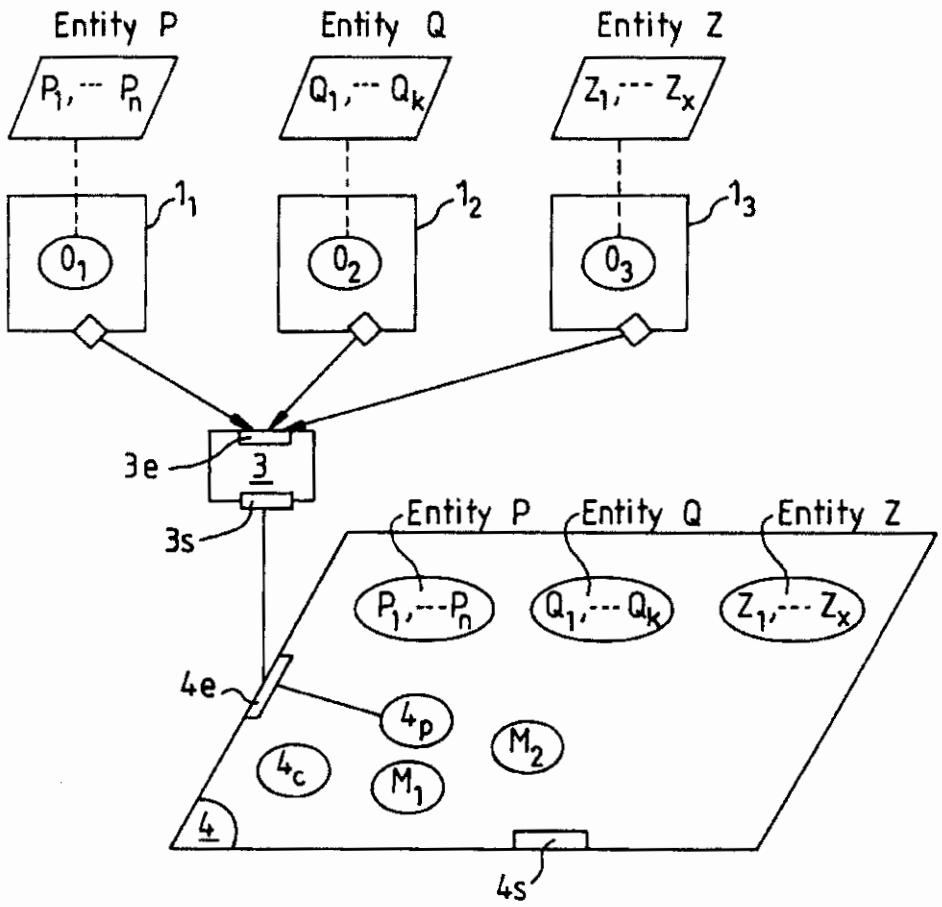

Entity P
Entity Q
Entity Z
P1,--- Pn
Q1,--- Qk
Z1,--- Zx
11
12
13
O1
O2
O3
3e
3
3s
Entity P
Entity Q
Entity Z
P1,---Pn
Q1,--- Qk
Z1,--- Zx
4e
4p
M2
4c
M1
4
4s

FIG.1

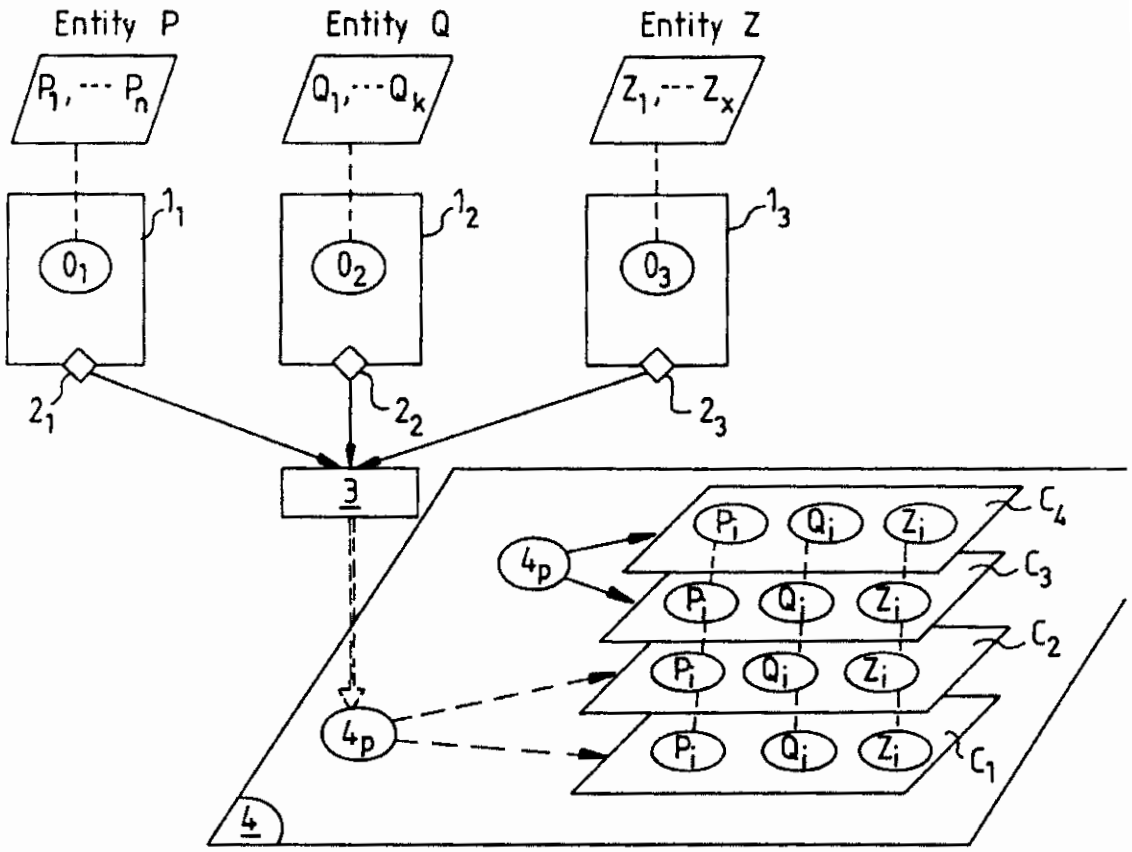

Entity P
Entity Q
Entity Z
$P_1, \cdots P_n$
$Q_1, \cdots Q_k$
$Z_1, \cdots Z_x$
1
2
3
4
$O_1$
$O_2$
$O_3$
$1_1$
$1_2$
$1_3$
$2_1$
$2_2$
$2_3$
$4_p$
$P_i$
$Q_i$
$Z_i$
$C_4$
$C_3$
$C_2$
$C_1$

FIG.2

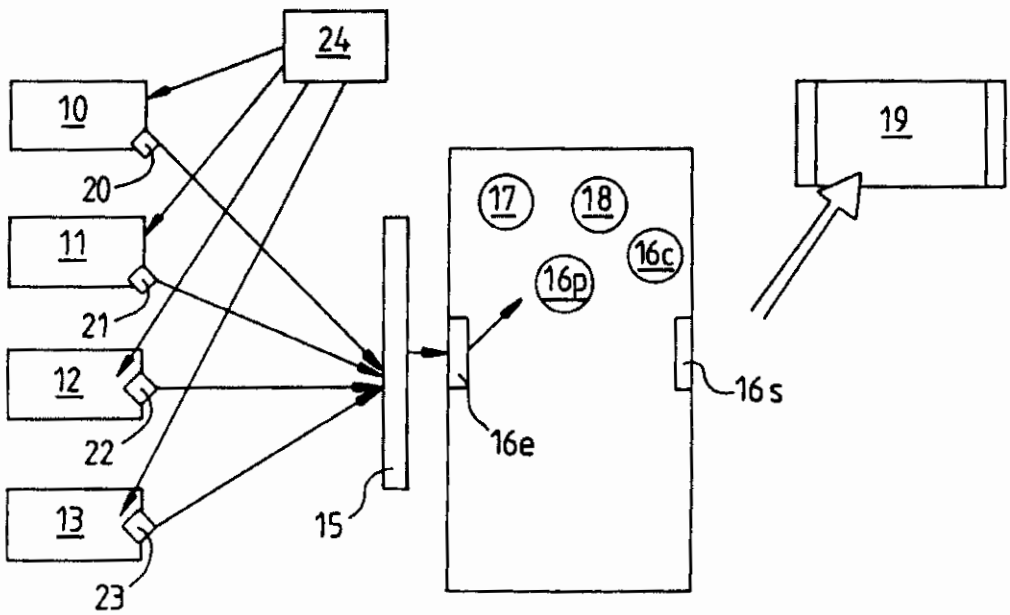

24
10
11
12
13
20
21
22
23
15
17
18
16c
16p
16e
16s
19

FIG.3