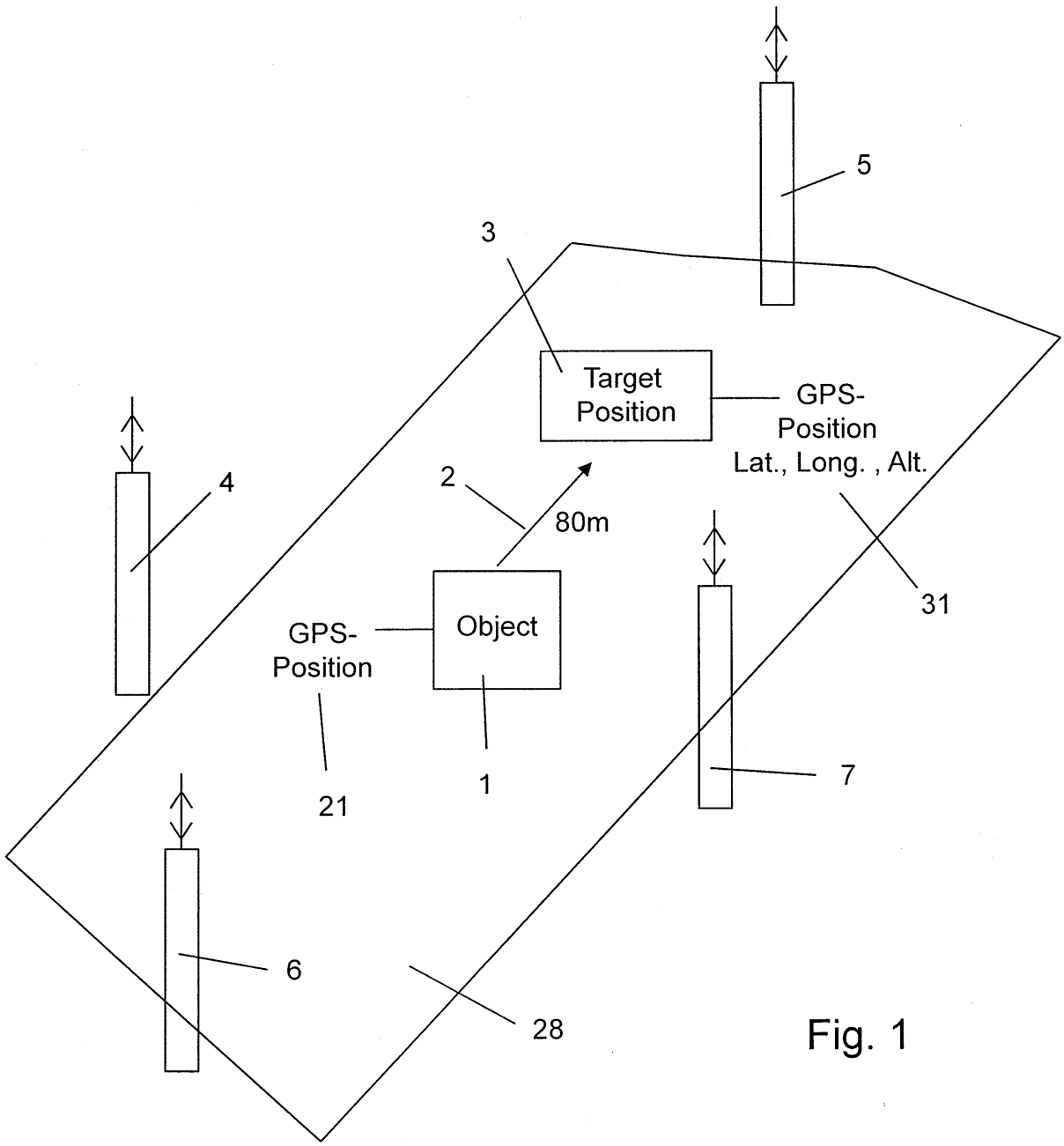

5
3
Target
Position
GPS-
Position
Lat., Long. , Alt.
4
2
80m
31
GPS-
Position
Object
21
1
7
6
28

Fig. 1

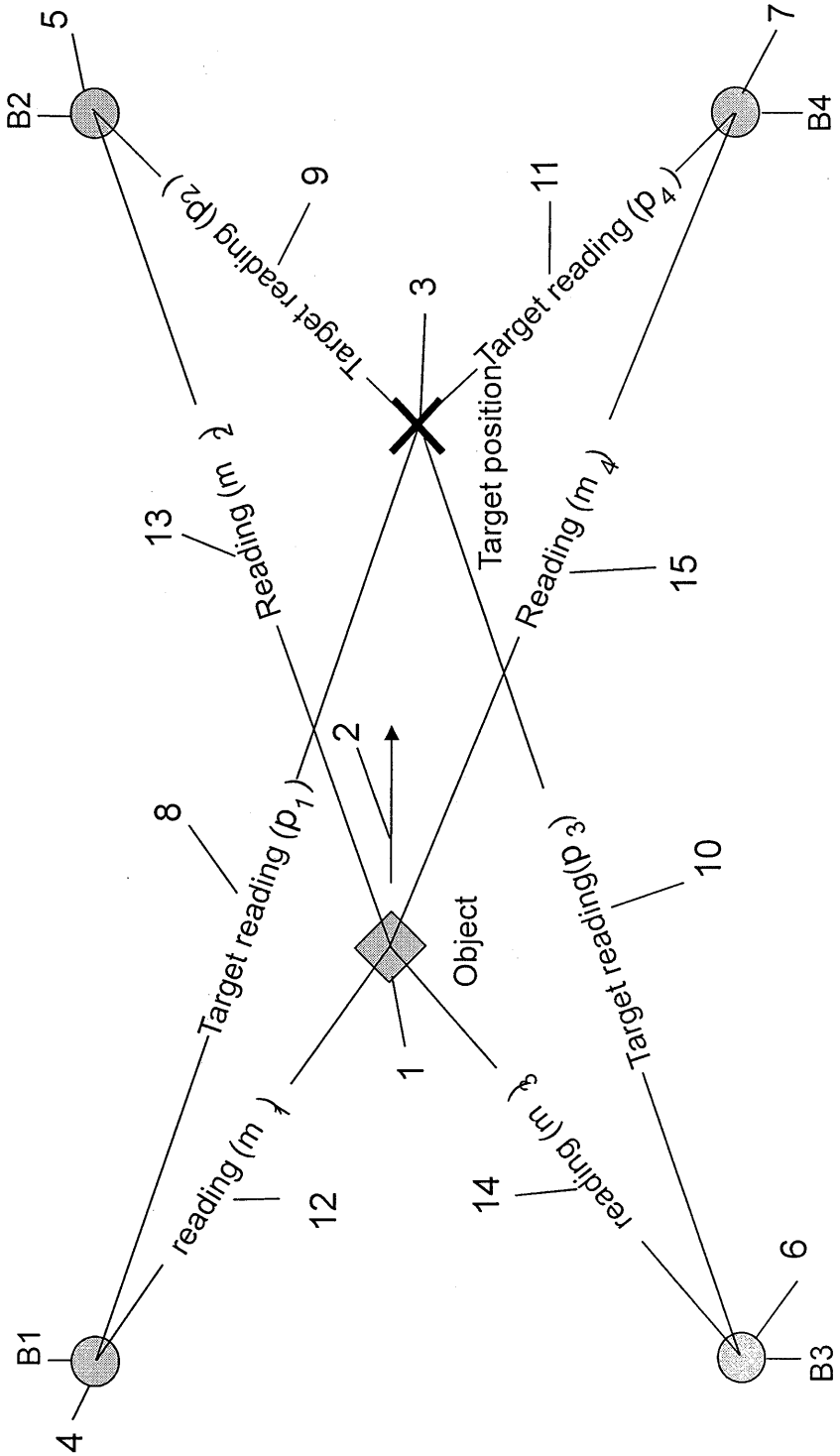

B1
B2
B3
B4
Object
Target position
Target reading (p_1)
Target reading (p_2)
Target reading (p_3)
Target reading (p_4)
reading (m_1)
Reading (m_2)
reading (m_3)
Reading (m_4)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Fig. 2

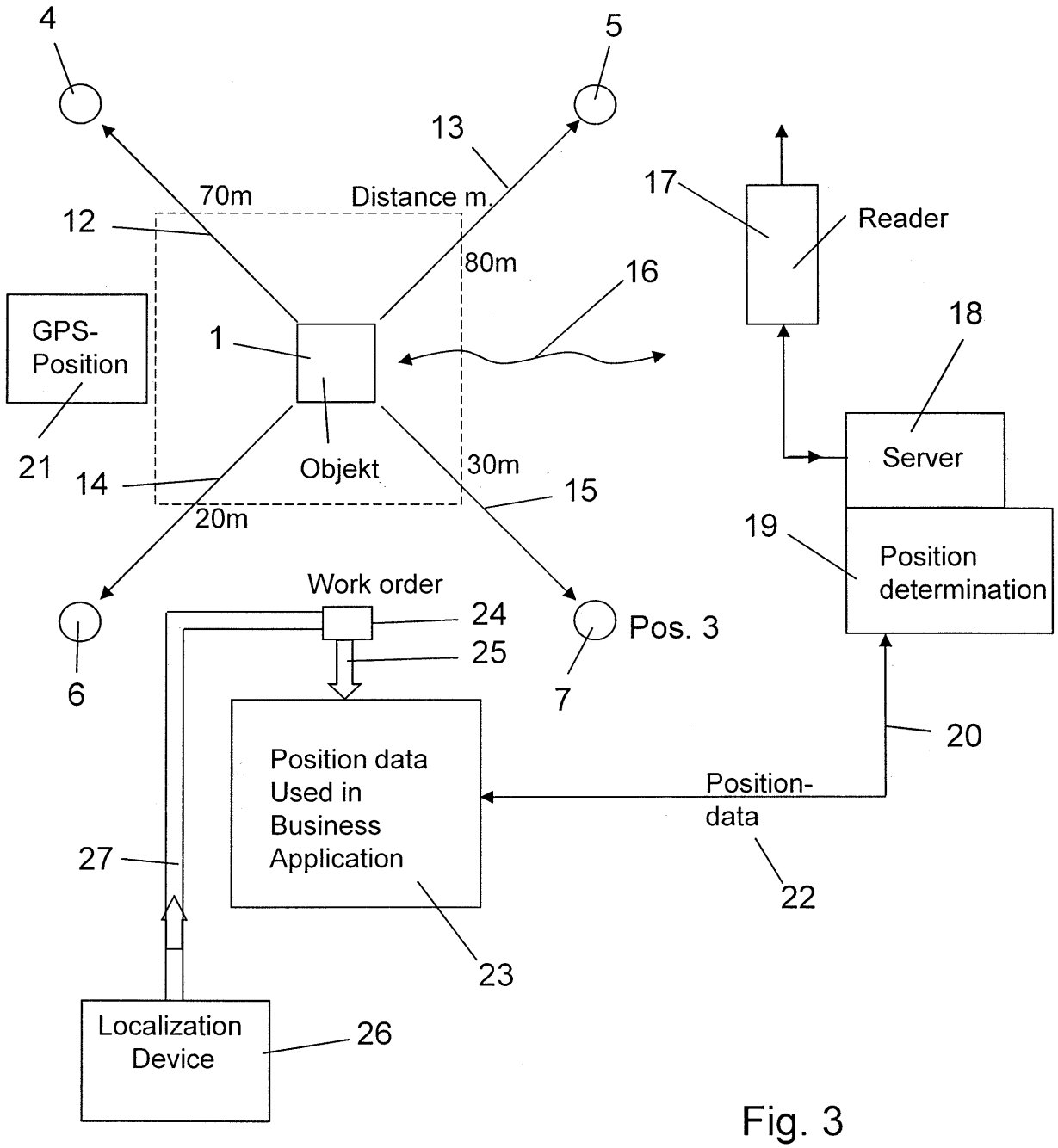

4
5
13
70m
Distance m.
12
80m
16
17
Reader
GPS-
Position
1
18
21
14
Objekt
30m
15
Server
20m
19
Position
determination
Work order
24
25
Pos. 3
6
7
20
Position data
Used in
Business
Application
Position-
data
27
22
23
Localization
Device
26

Fig. 3

	Target (target)	Running Measurement (actual)
Ref. 1	70	10
Ref. 2	80	80
Ref. 3	20	20
Ref. 4	30	30

Fig. 4

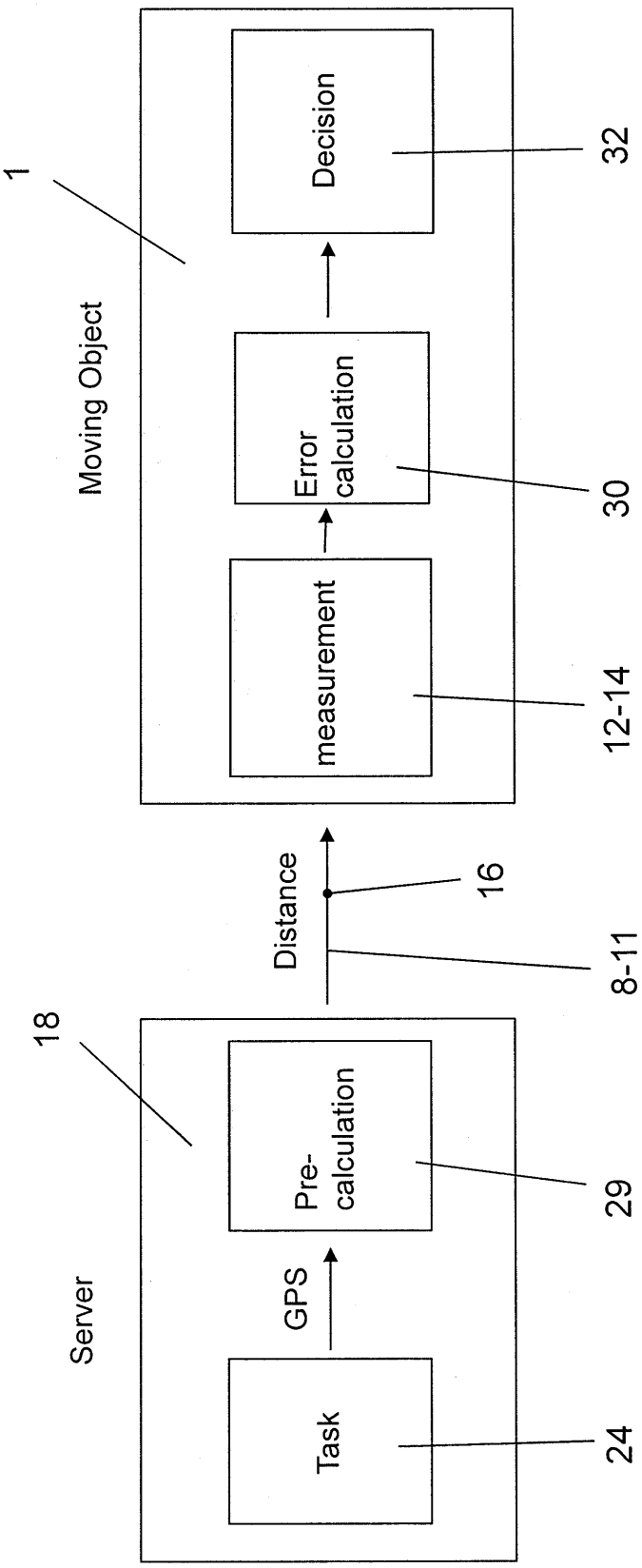

1
Moving Object
Decision
32
Error calculation
30
measurement
12-14
Distance
16
8-11
18
Server
Pre-calculation
29
GPS
Task
24

Fig. 5

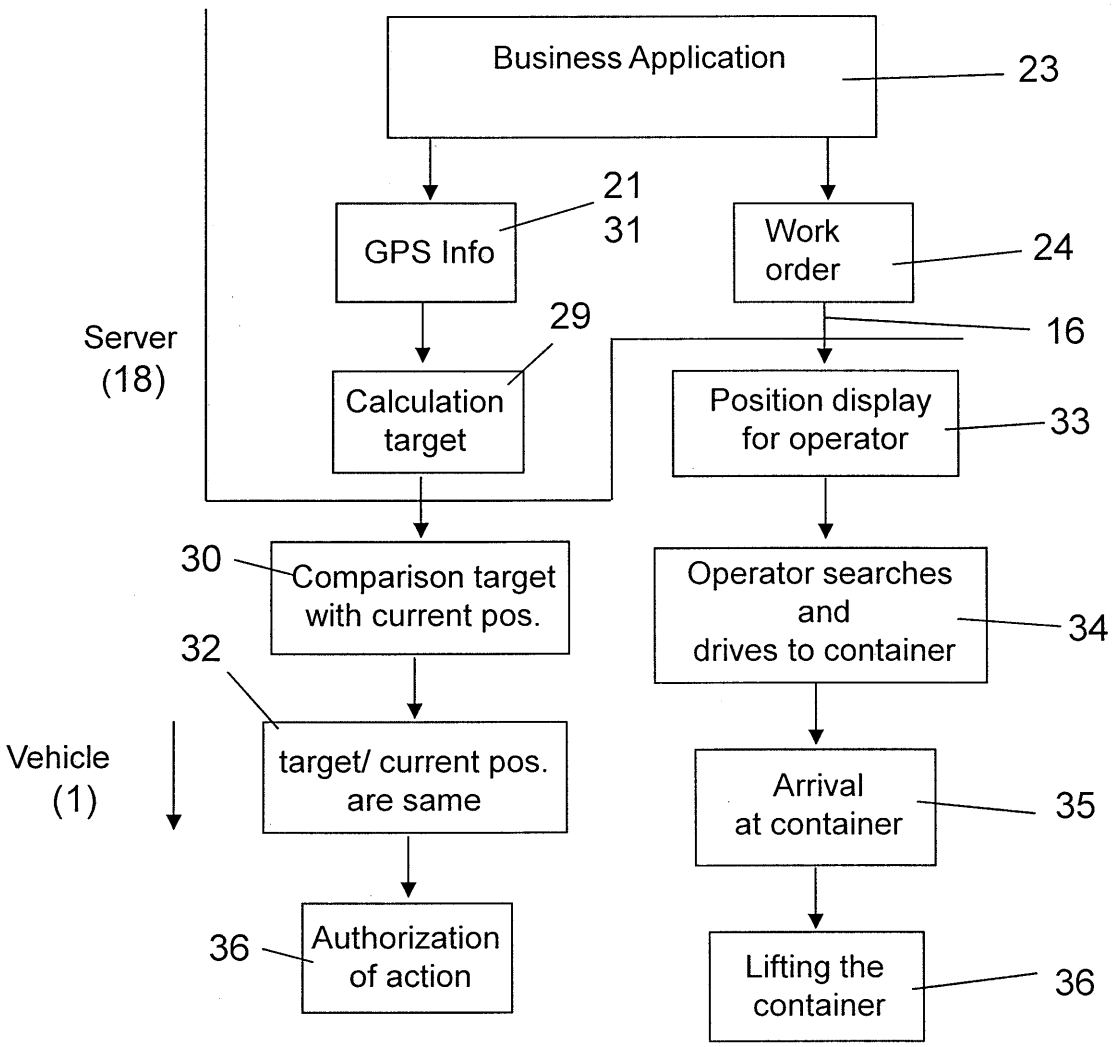

Business Application
23
21
31
GPS Info
Work order
24
Server (18)
29
16
Calculation target
Position display for operator
33
30
Comparison target with current pos.
Operator searches and drives to container
34
32
Vehicle (1)
target/ current pos. are same
Arrival at container
35
36
Authorization of action
Lifting the container
36

Fig. 6