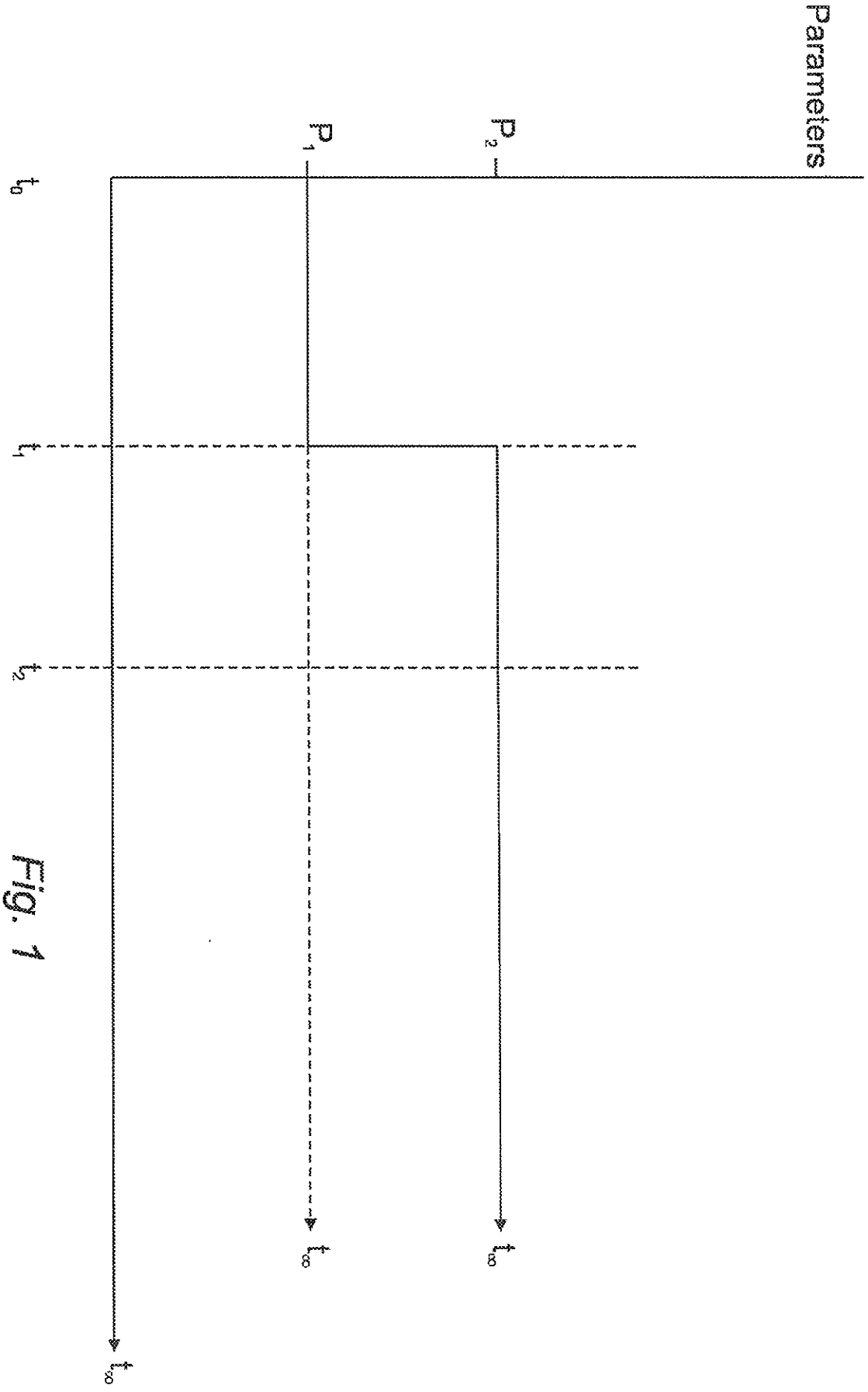


Fig. 1

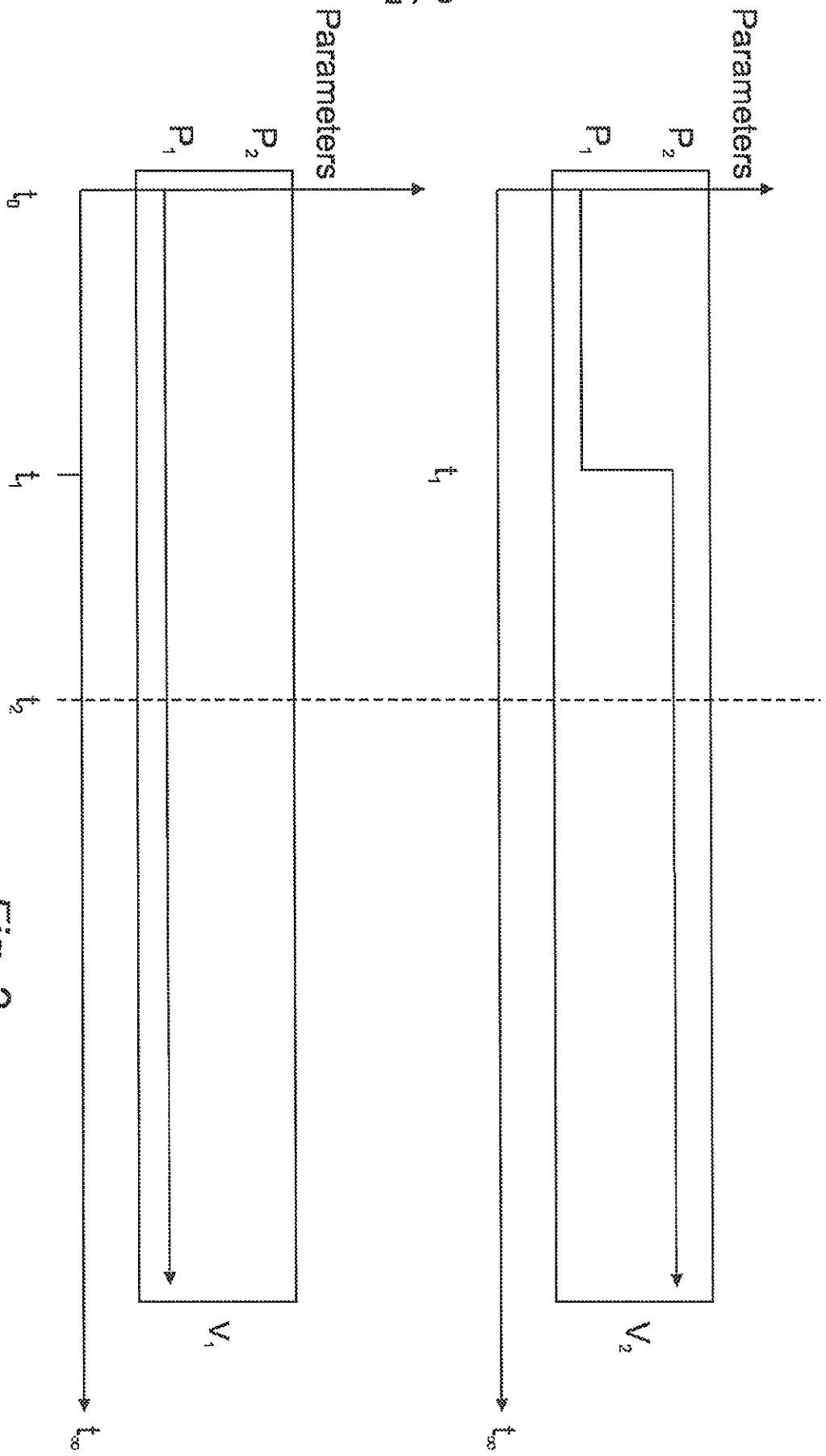


Fig. 2

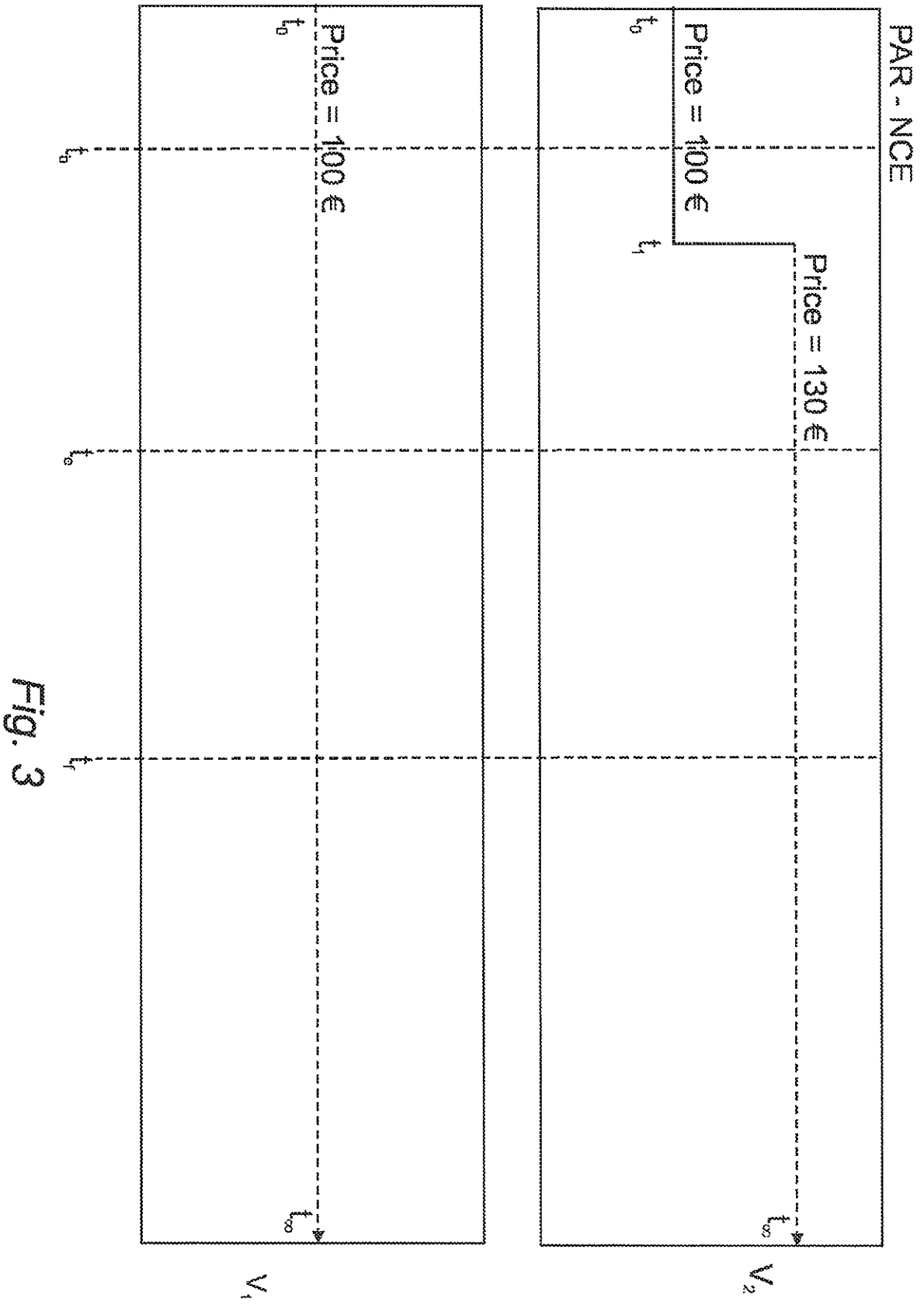


Fig. 3

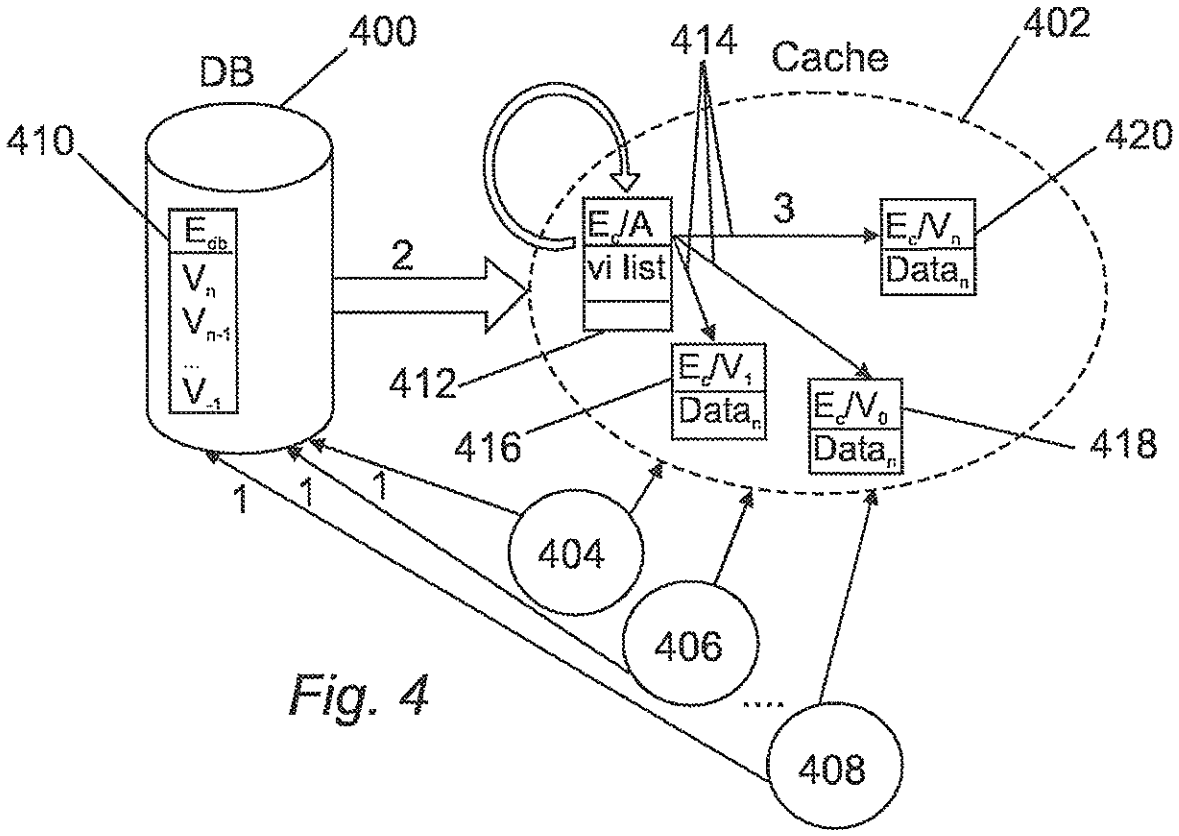

400
DB
410
414
Cache
402
420
E_{db}
V_n
V_{n-1}
...
V_{-1}
2
E_c/A
vi list
3
E_c/V_n
$Data_n$
412
E_c/V_1
$Data_n$
416
E_c/V_0
$Data_n$
418
1
1
1
404
406
....
408

Fig. 4

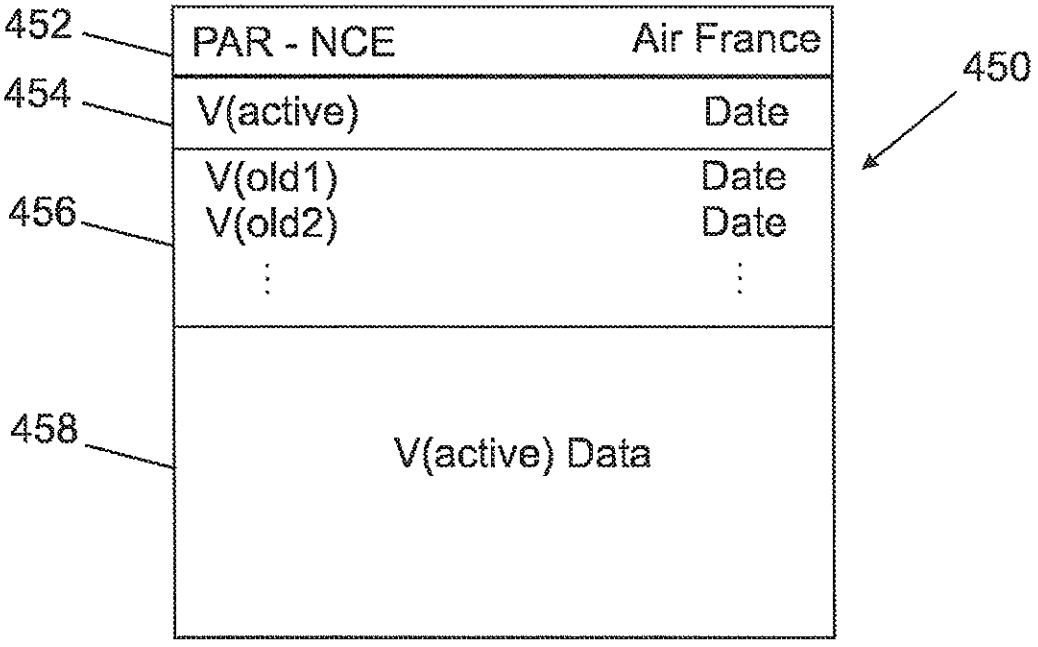

452
PAR - NCE
Air France
454
V(active)
Date
V(old1)
Date
456
V(old2)
Date
458
V(active) Data
450

Fig. 4a

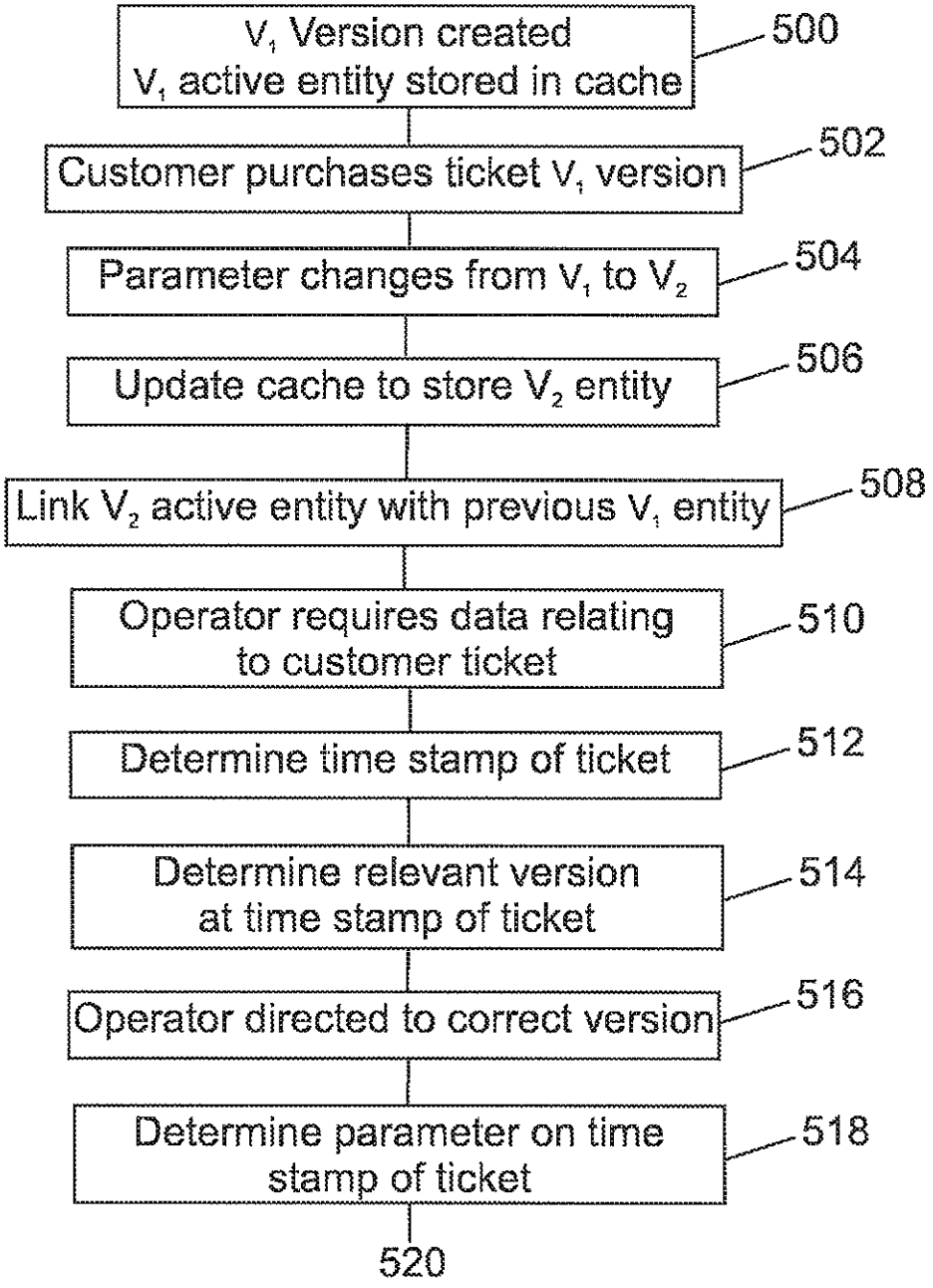

V_1 Version created
V_1 active entity stored in cache
500
Customer purchases ticket V_1 version
502
Parameter changes from V_1 to V_2
504
Update cache to store V_2 entity
506
Link V_2 active entity with previous V_1 entity
508
Operator requires data relating to customer ticket
510
Determine time stamp of ticket
512
Determine relevant version at time stamp of ticket
514
Operator directed to correct version
516
Determine parameter on time stamp of ticket
518
520

Fig. 5