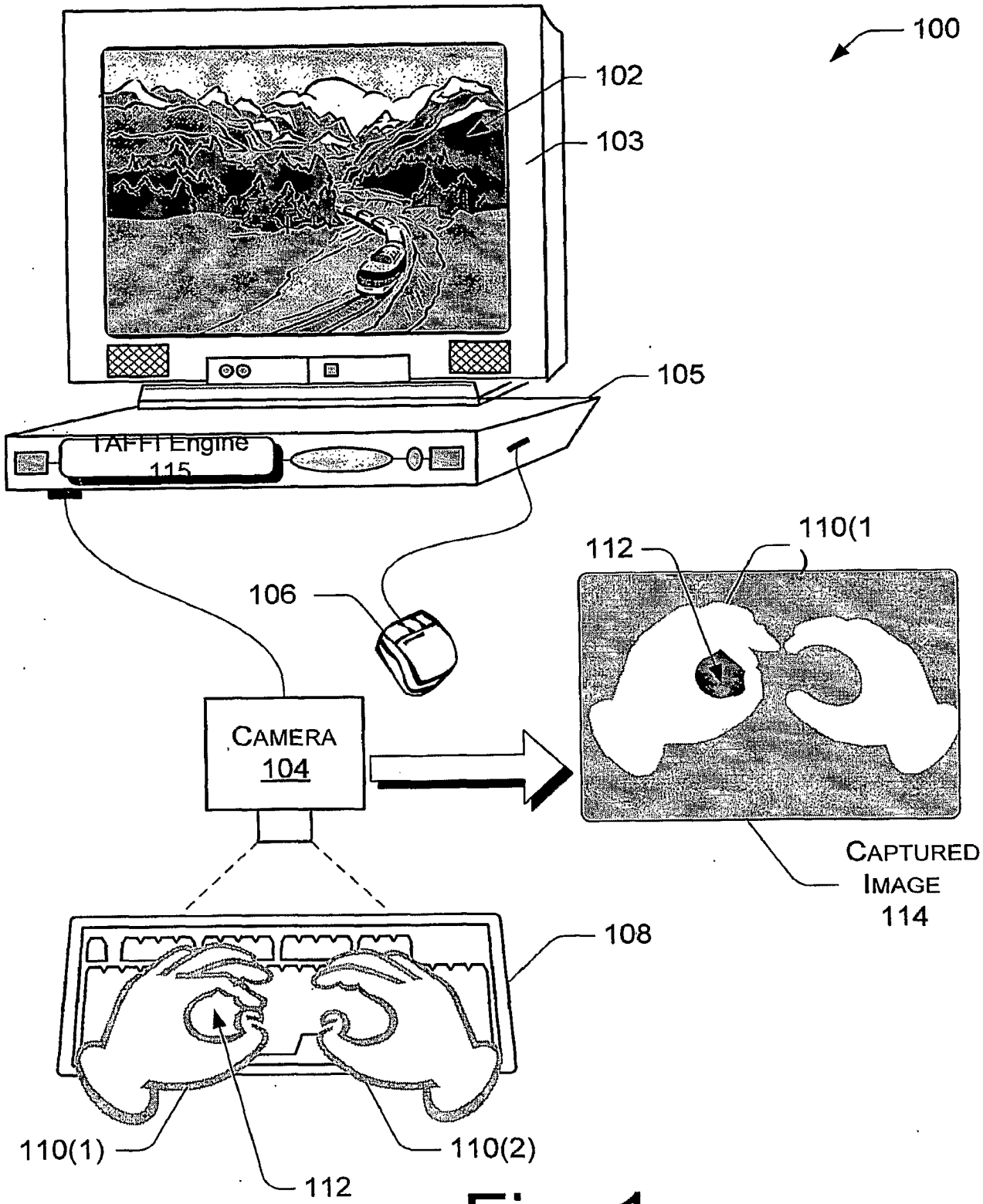
100
102
103
105
TAFFI Engine
115
106
110(1
112
CAMERA
104
CAPTURED
IMAGE
114
108
110(1)
110(2)
112

Fig. 1

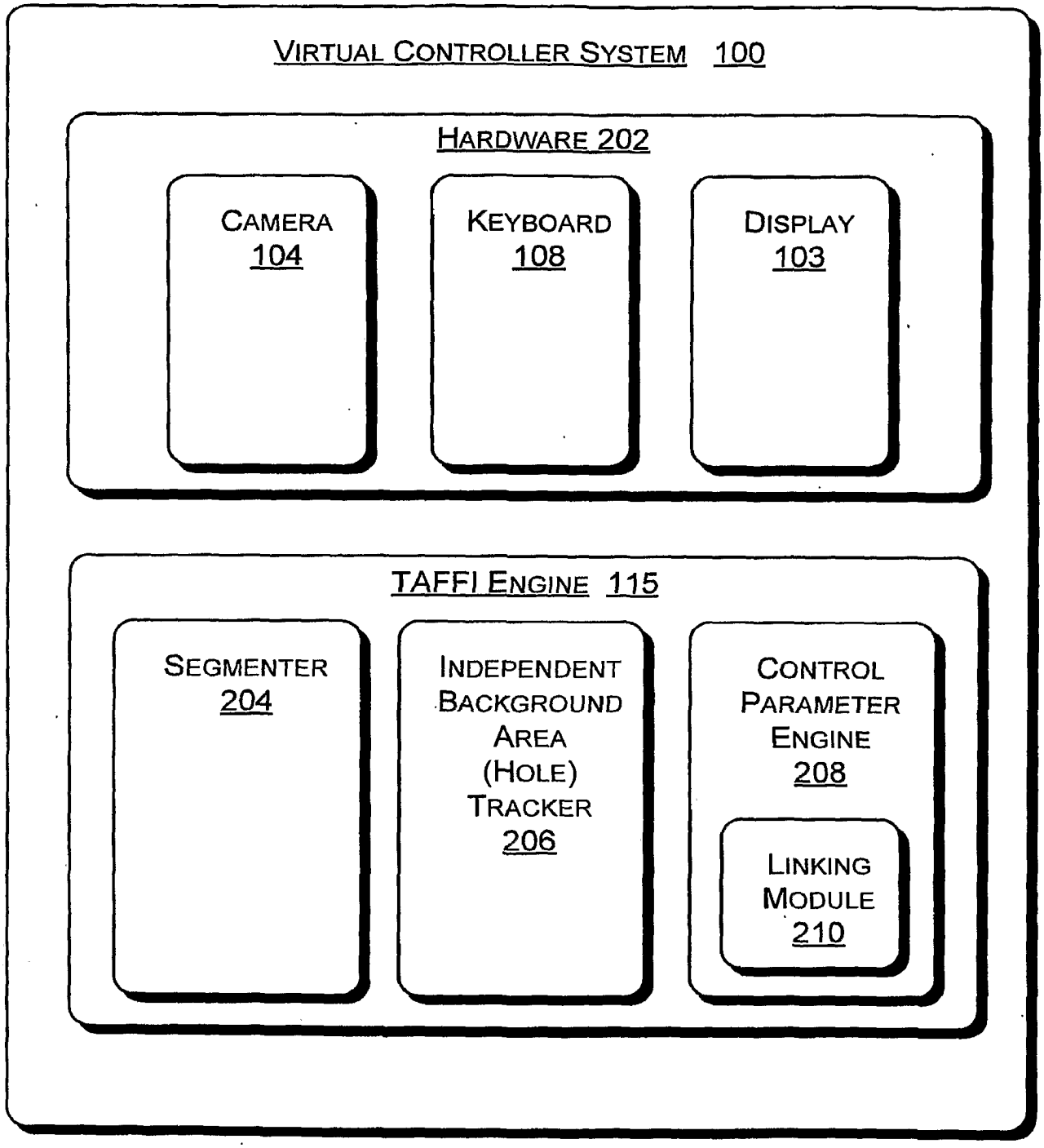
VIRTUAL CONTROLLER SYSTEM 100
HARDWARE 202
CAMERA 104
KEYBOARD 108
DISPLAY 103
TAFFI ENGINE 115
SEGMENTER 204
INDEPENDENT BACKGROUND AREA (HOLE) TRACKER 206
CONTROL PARAMETER ENGINE 208
LINKING MODULE 210

Fig. 2

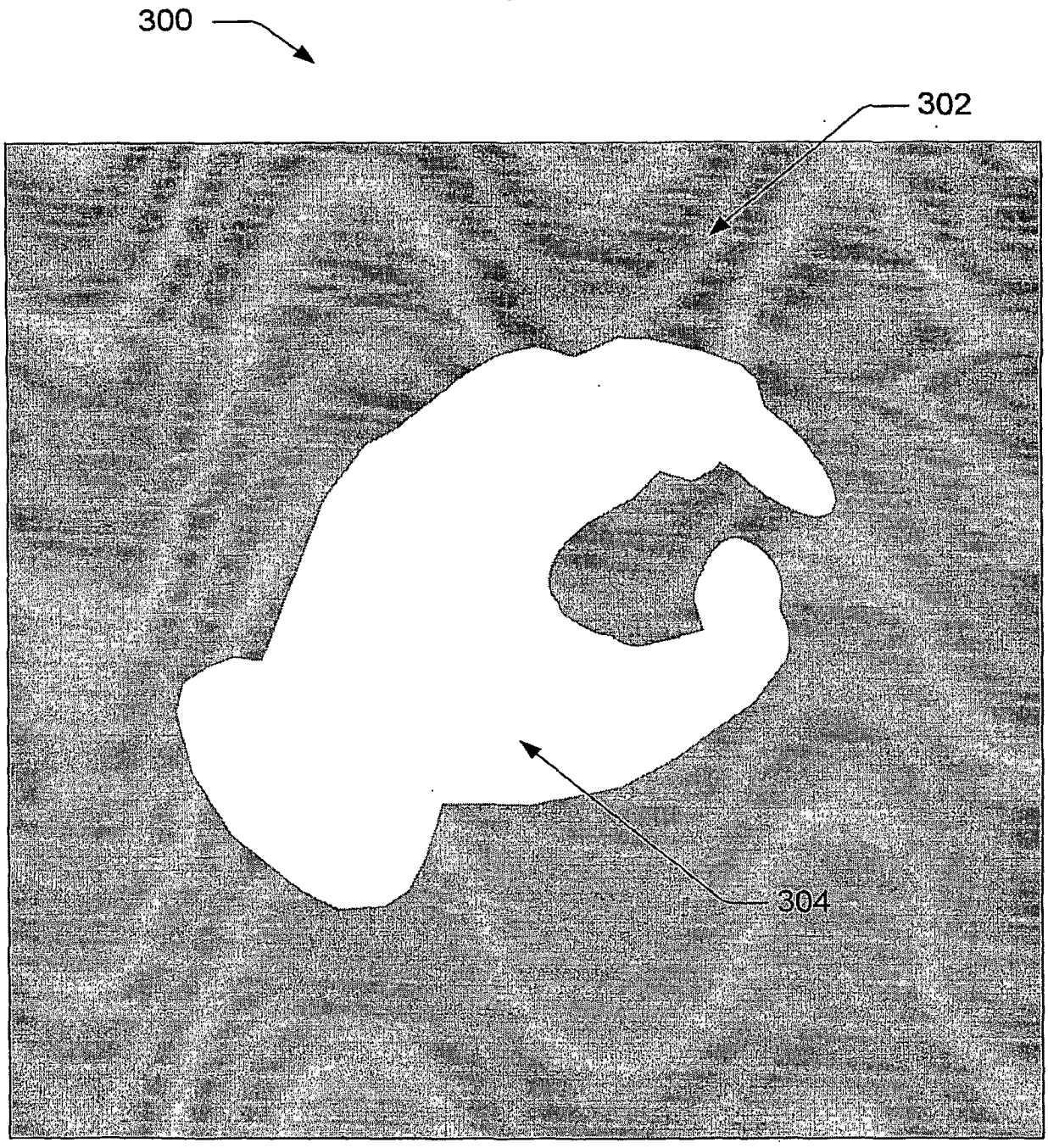

Fig. 3

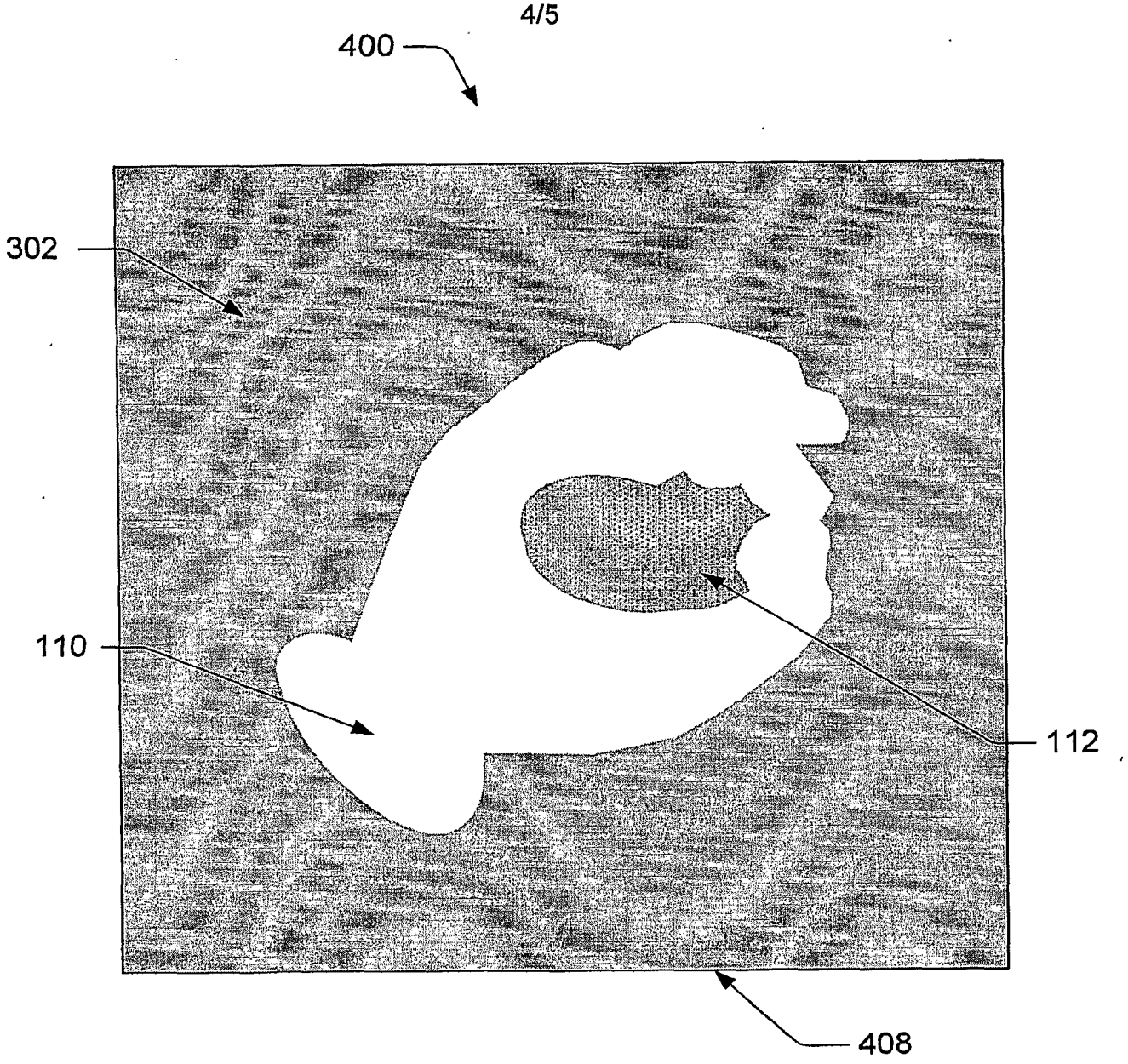

Fig. 4

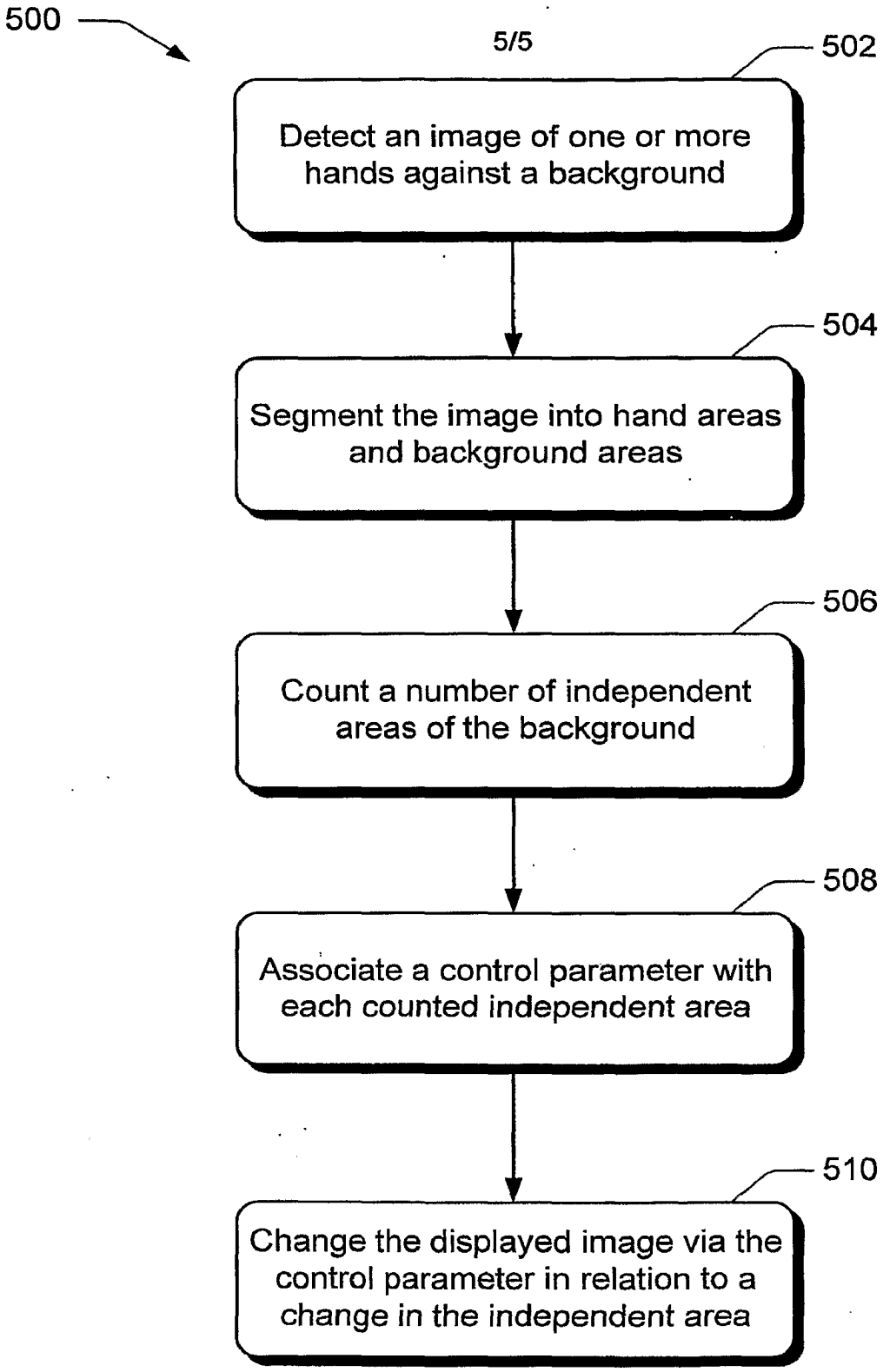
500
502
Detect an image of one or more hands against a background
504
Segment the image into hand areas and background areas
506
Count a number of independent areas of the background
508
Associate a control parameter with each counted independent area
510
Change the displayed image via the control parameter in relation to a change in the independent area

Fig. 5