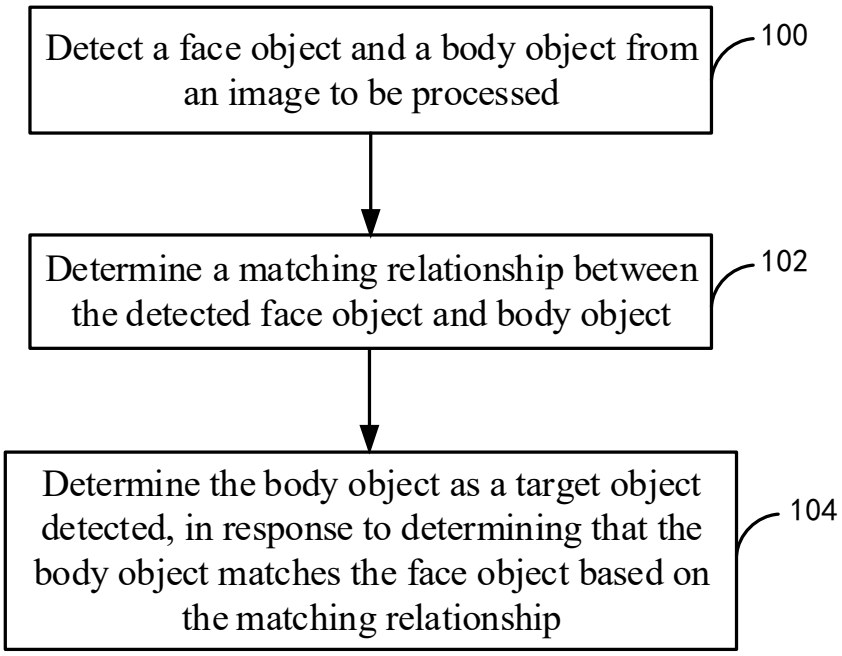

Detect a face object and a body object from an image to be processed
100
Determine a matching relationship between the detected face object and body object
102
Determine the body object as a target object detected, in response to determining that the body object matches the face object based on the matching relationship
104

FIG. 1

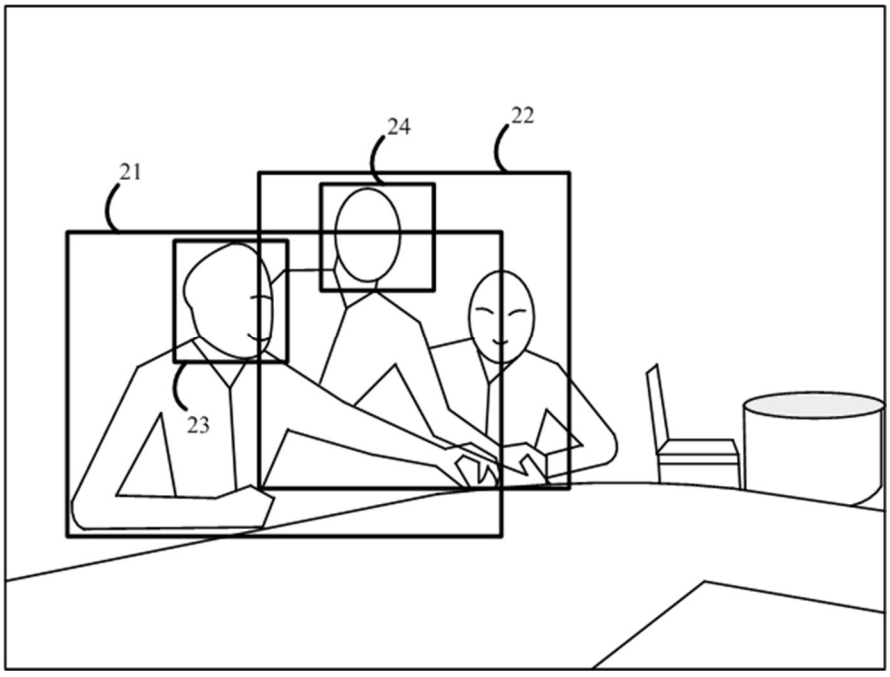

21
24
22
23

FIG. 2

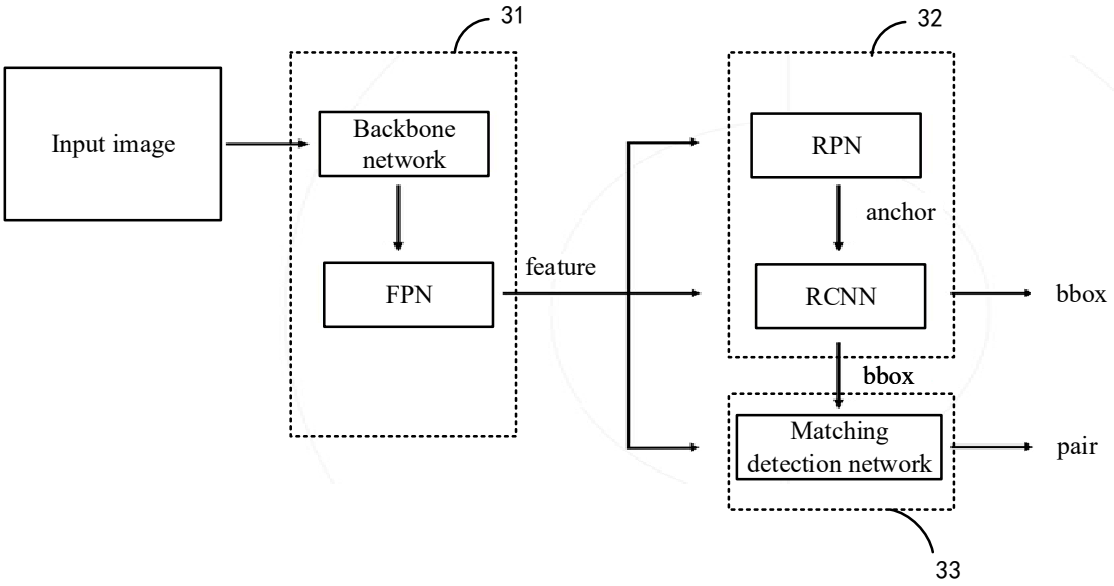

31
32
Input image
Backbone network
FPN
feature
RPN
anchor
RCNN
bbox
bbox
Matching detection network
pair
33

FIG. 3

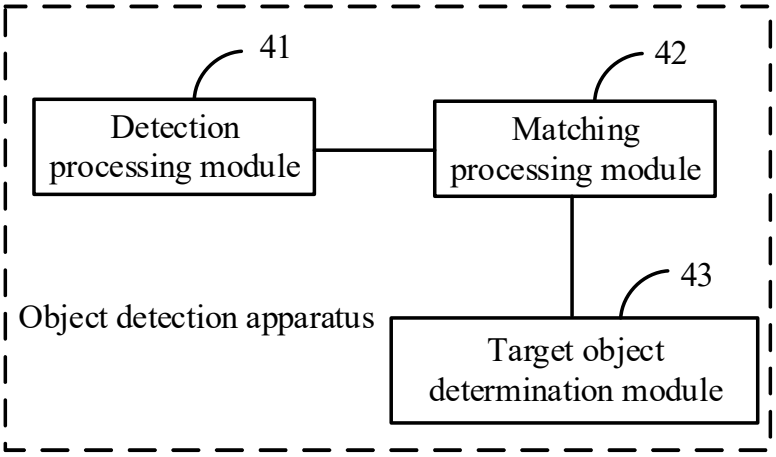

41
42
Detection processing module
Matching processing module
43
Object detection apparatus
Target object determination module

FIG. 4

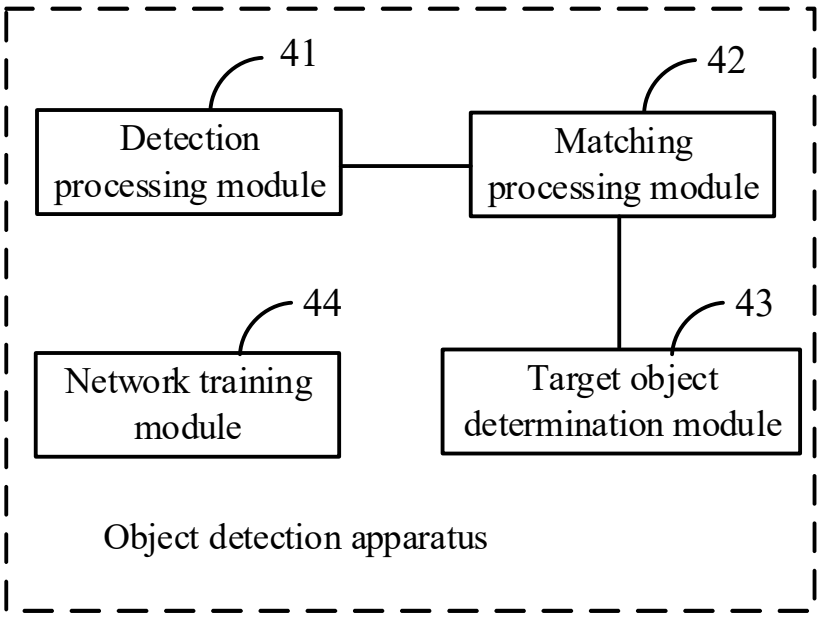

41
42
Detection processing module
Matching processing module
44
43
Network training module
Target object determination module
Object detection apparatus

FIG. 5