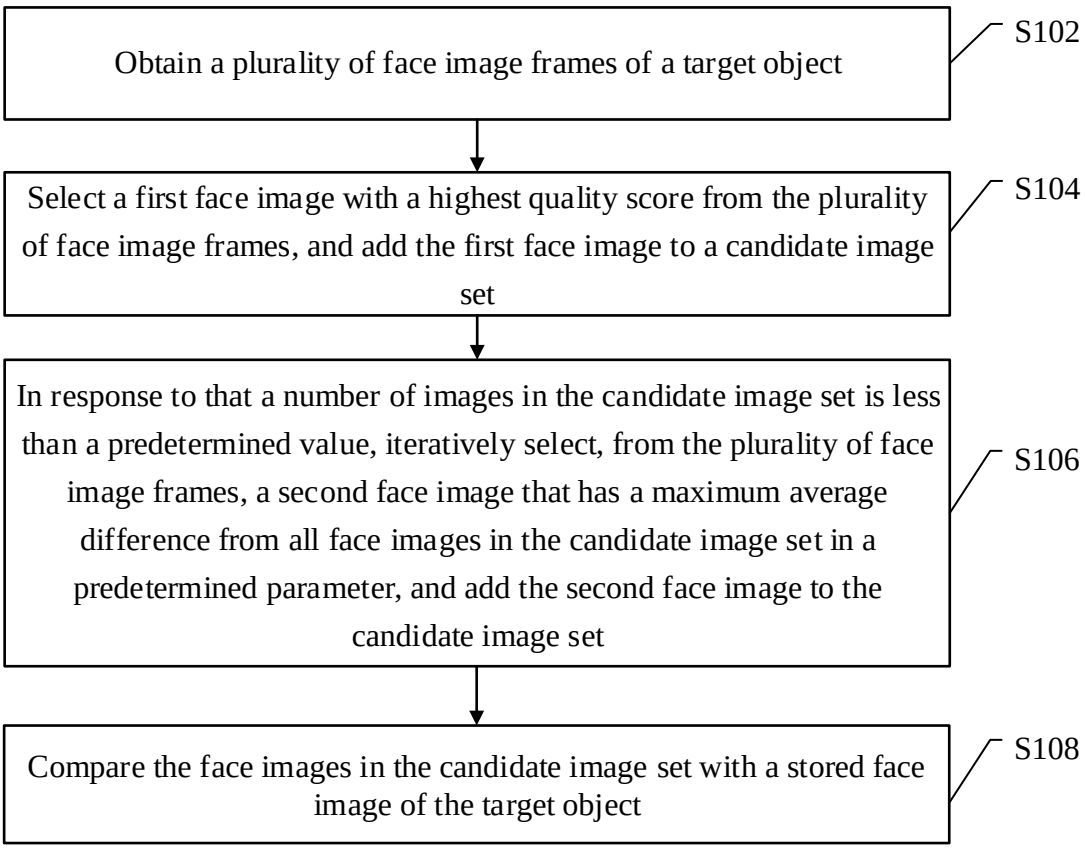
Obtain a plurality of face image frames of a target object
S102
Select a first face image with a highest quality score from the plurality of face image frames, and add the first face image to a candidate image set
S104
In response to that a number of images in the candidate image set is less than a predetermined value, iteratively select, from the plurality of face image frames, a second face image that has a maximum average difference from all face images in the candidate image set in a predetermined parameter, and add the second face image to the candidate image set
S106
Compare the face images in the candidate image set with a stored face image of the target object
S108

FIG. 1

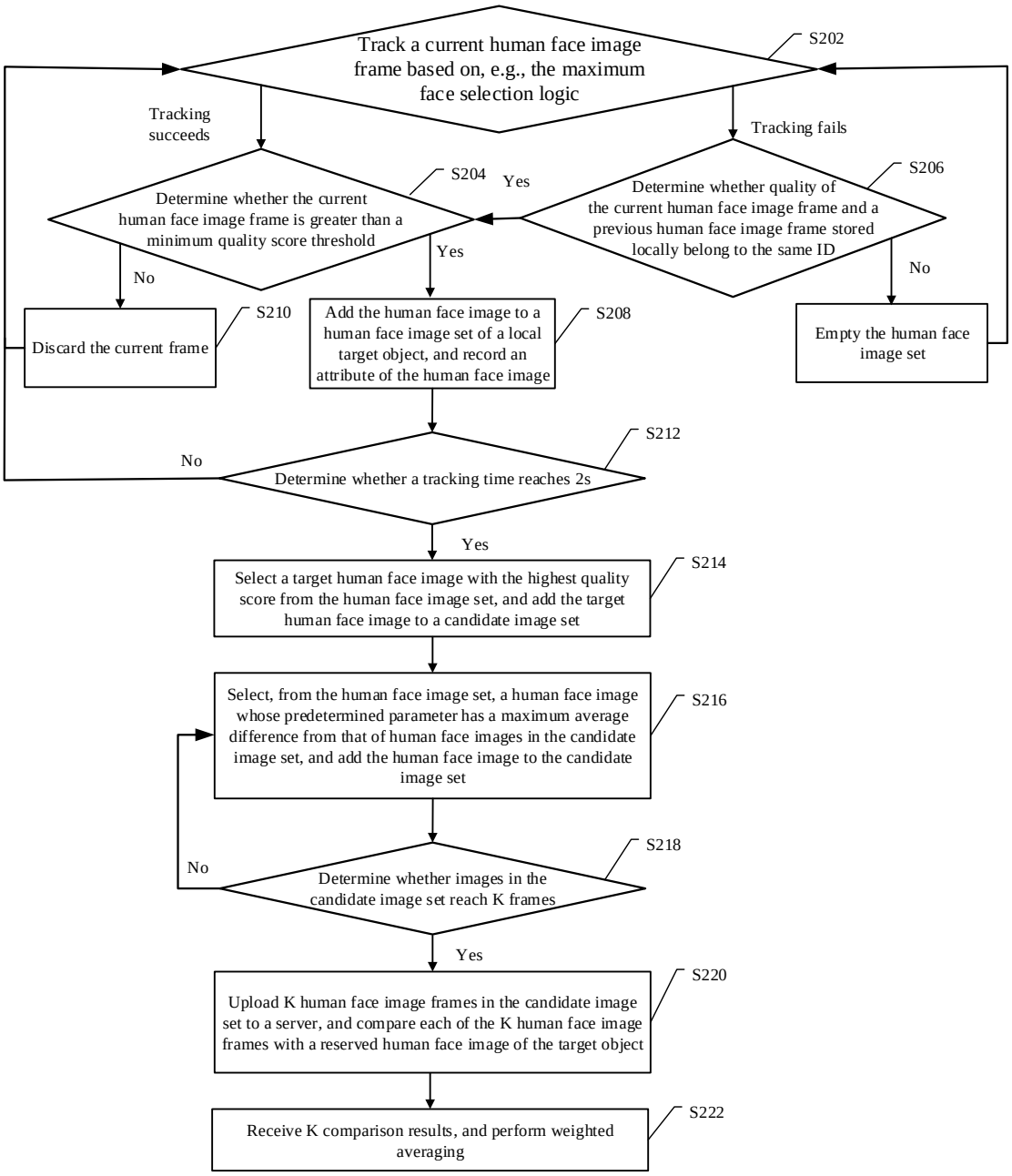
Track a current human face image frame based on, e.g., the maximum face selection logic
S202
Tracking succeeds
Tracking fails
Determine whether the current human face image frame is greater than a minimum quality score threshold
S204
Yes
Determine whether quality of the current human face image frame and a previous human face image frame stored locally belong to the same ID
S206
No
Yes
No
Discard the current frame
S210
Add the human face image to a human face image set of a local target object, and record an attribute of the human face image
S208
Empty the human face image set
Determine whether a tracking time reaches 2s
S212
No
Yes
Select a target human face image with the highest quality score from the human face image set, and add the target human face image to a candidate image set
S214
Select, from the human face image set, a human face image whose predetermined parameter has a maximum average difference from that of human face images in the candidate image set, and add the human face image to the candidate image set
S216
Determine whether images in the candidate image set reach K frames
S218
No
Yes
Upload K human face image frames in the candidate image set to a server, and compare each of the K human face image frames with a reserved human face image of the target object
S220
Receive K comparison results, and perform weighted averaging
S222

FIG. 2

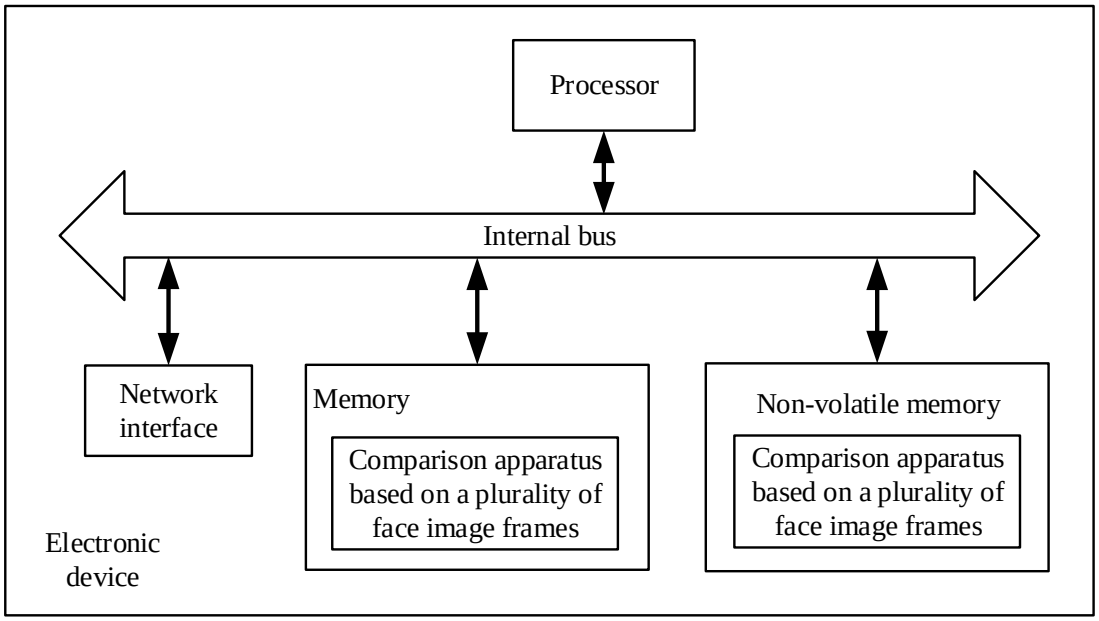
Processor
Internal bus
Network interface
Memory
Comparison apparatus based on a plurality of face image frames
Non-volatile memory
Comparison apparatus based on a plurality of face image frames
Electronic device

FIG. 3

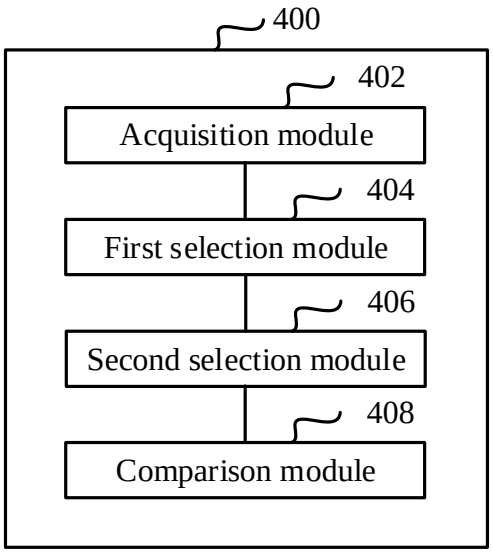
400
402
Acquisition module
404
First selection module
406
Second selection module
408
Comparison module

FIG. 4