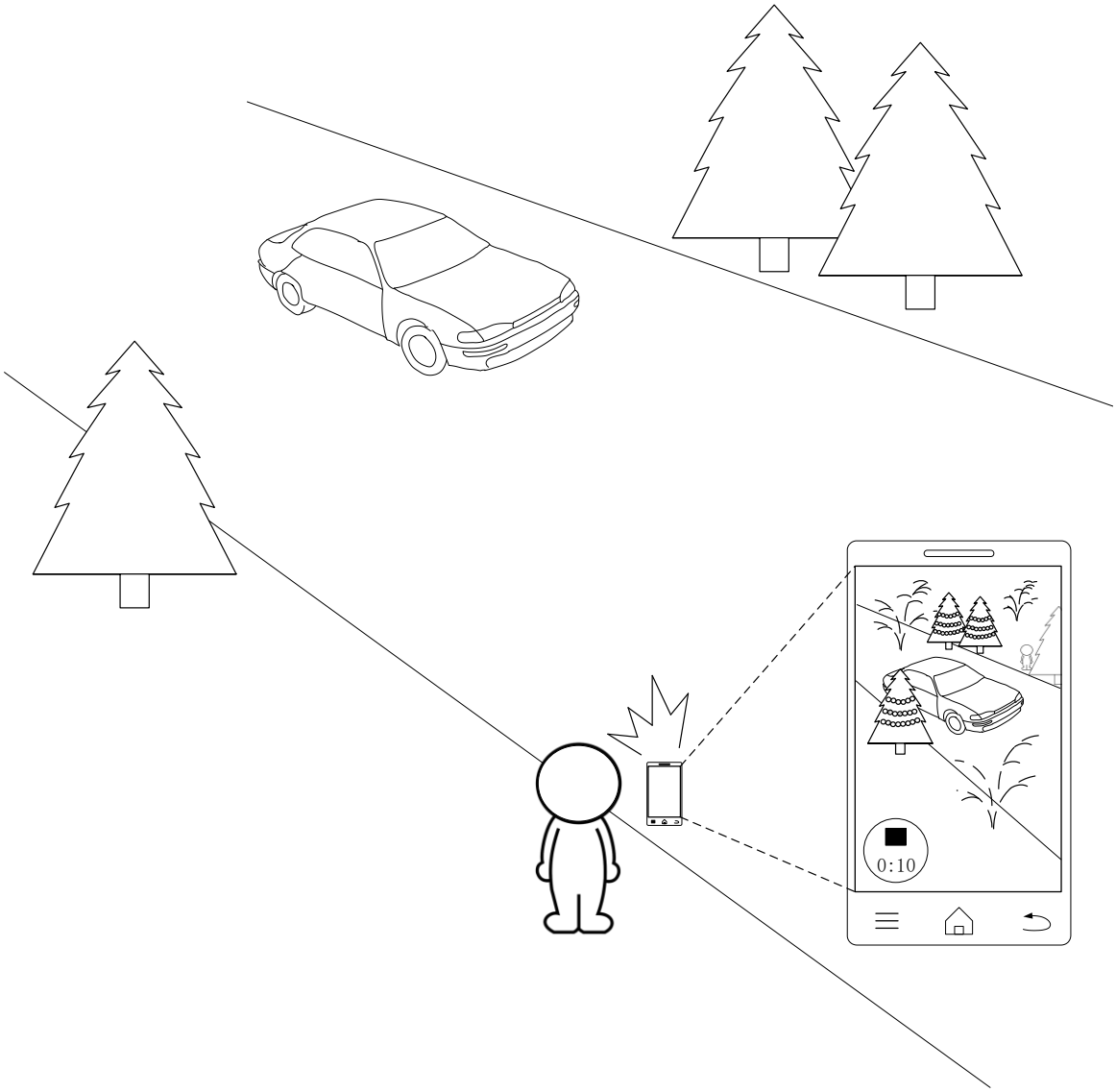

FIG. 1

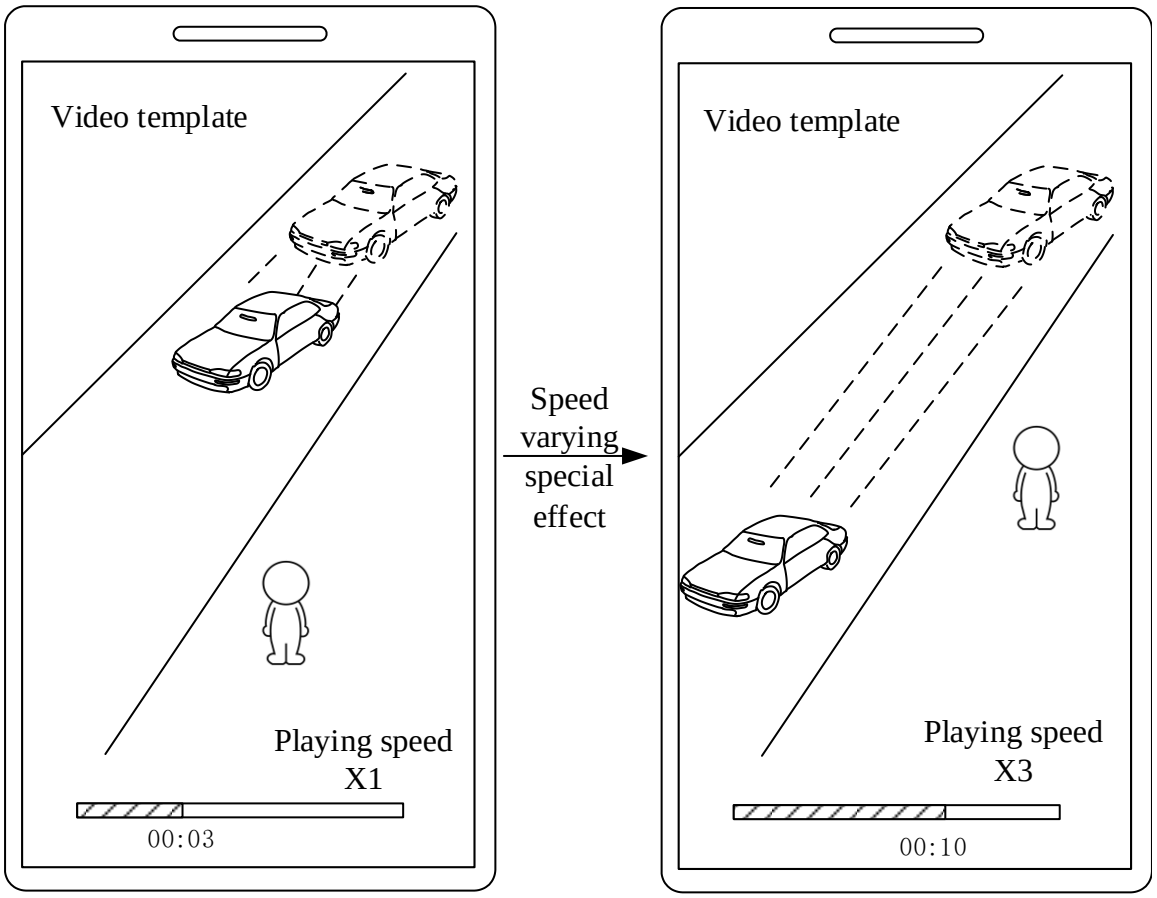
Video template
Playing speed
X1
00:03
Speed
varying
special
effect
Video template
Playing speed
X3
00:10

FIG. 2

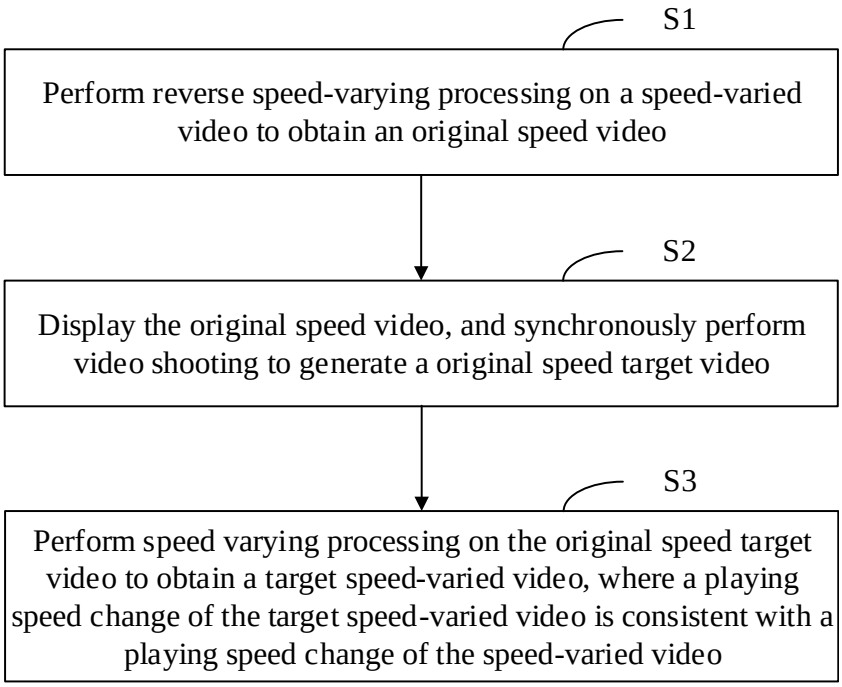
S1
Perform reverse speed-varying processing on a speed-varied video to obtain an original speed video
S2
Display the original speed video, and synchronously perform video shooting to generate a original speed target video
S3
Perform speed varying processing on the original speed target video to obtain a target speed-varied video, where a playing speed change of the target speed-varied video is consistent with a playing speed change of the speed-varied video

FIG. 3

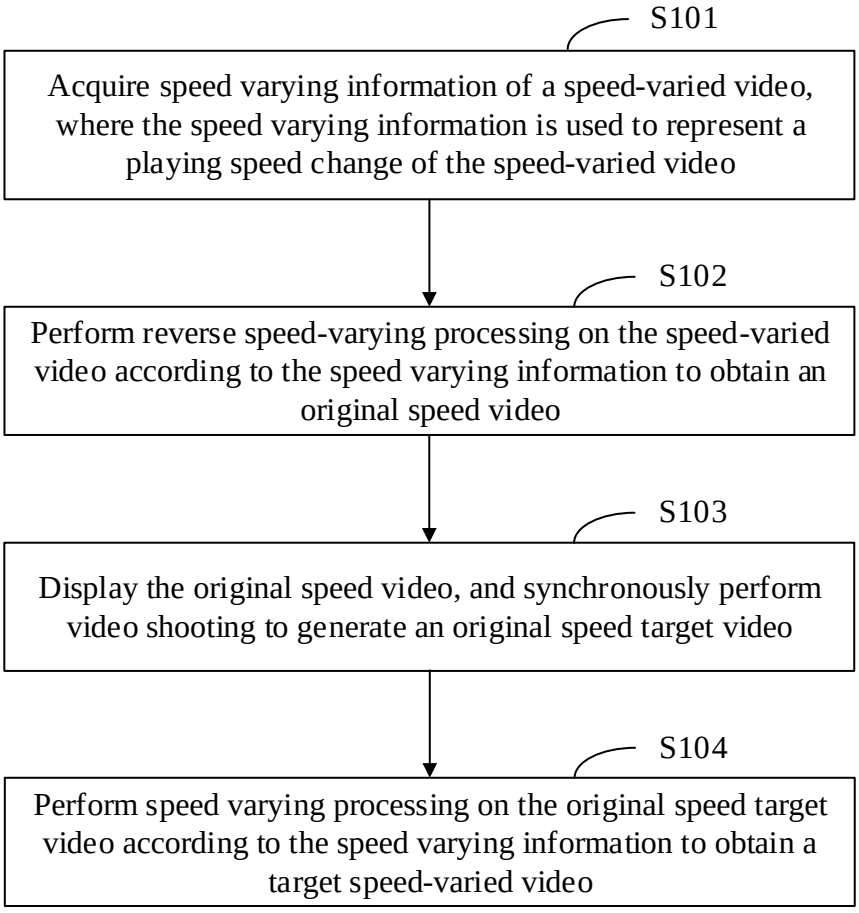
S101
Acquire speed varying information of a speed-varied video, where the speed varying information is used to represent a playing speed change of the speed-varied video
S102
Perform reverse speed-varying processing on the speed-varied video according to the speed varying information to obtain an original speed video
S103
Display the original speed video, and synchronously perform video shooting to generate an original speed target video
S104
Perform speed varying processing on the original speed target video according to the speed varying information to obtain a target speed-varied video

FIG. 4

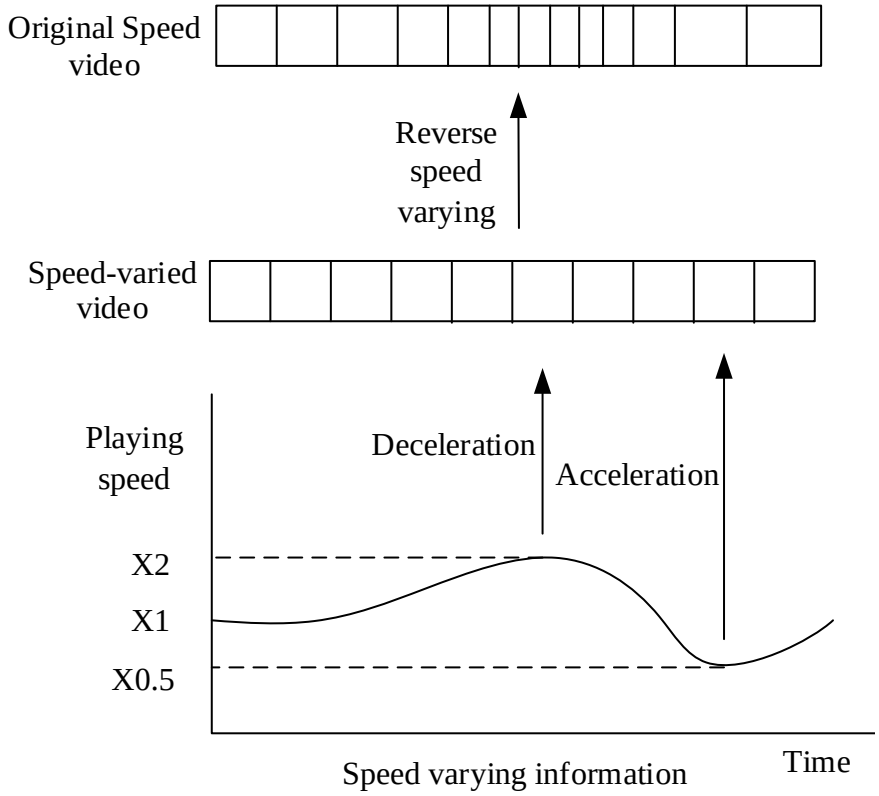
Original Speed video
Reverse speed varying
Speed-varied video
Playing speed
Deceleration
Acceleration
X2
X1
X0.5
Speed varying information
Time

FIG. 5

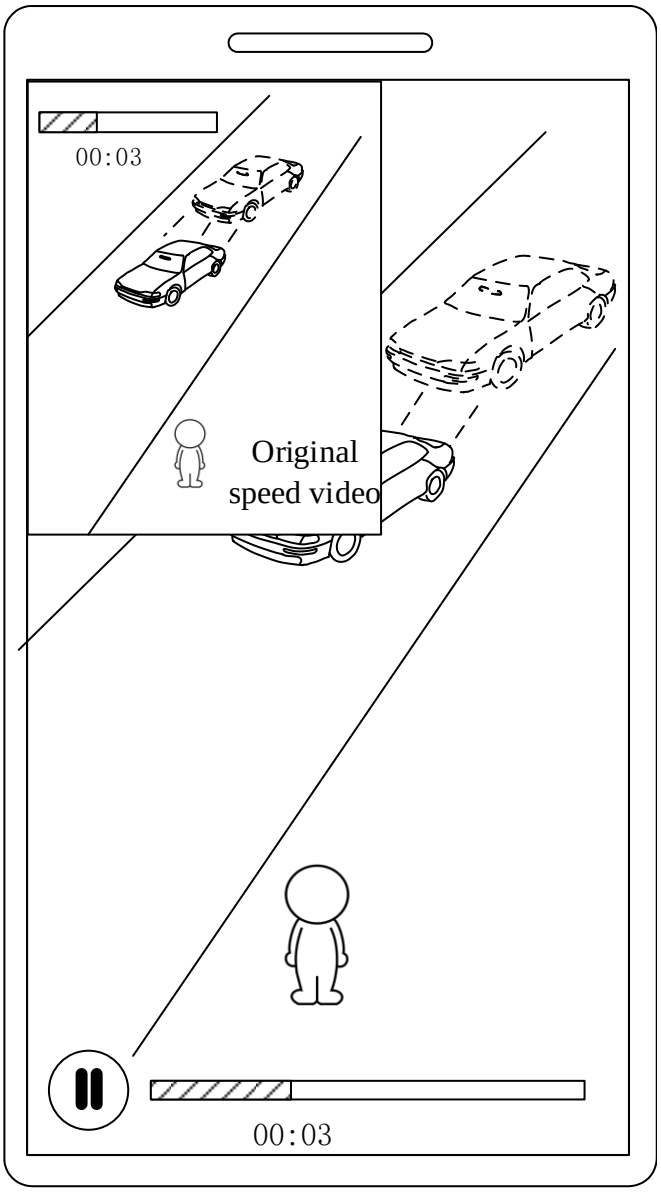

FIG. 6

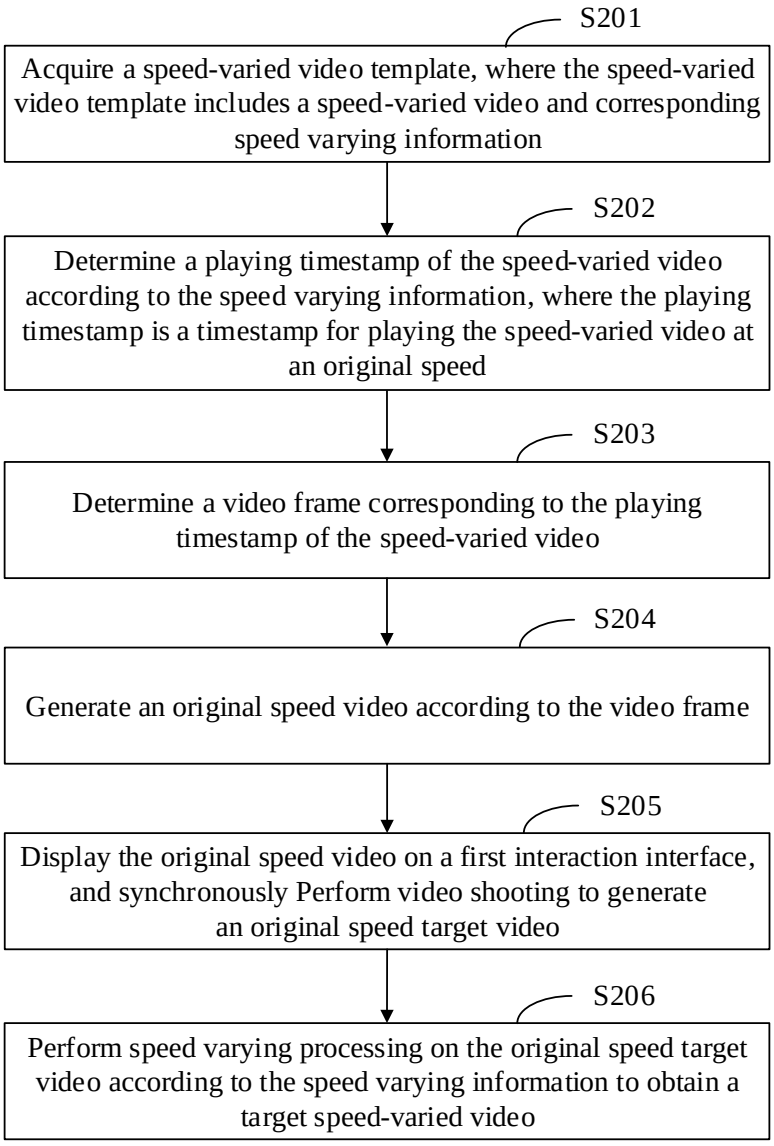
S201
Acquire a speed-varied video template, where the speed-varied video template includes a speed-varied video and corresponding speed varying information
S202
Determine a playing timestamp of the speed-varied video according to the speed varying information, where the playing timestamp is a timestamp for playing the speed-varied video at an original speed
S203
Determine a video frame corresponding to the playing timestamp of the speed-varied video
S204
Generate an original speed video according to the video frame
S205
Display the original speed video on a first interaction interface, and synchronously Perform video shooting to generate an original speed target video
S206
Perform speed varying processing on the original speed target video according to the speed varying information to obtain a target speed-varied video

FIG. 7

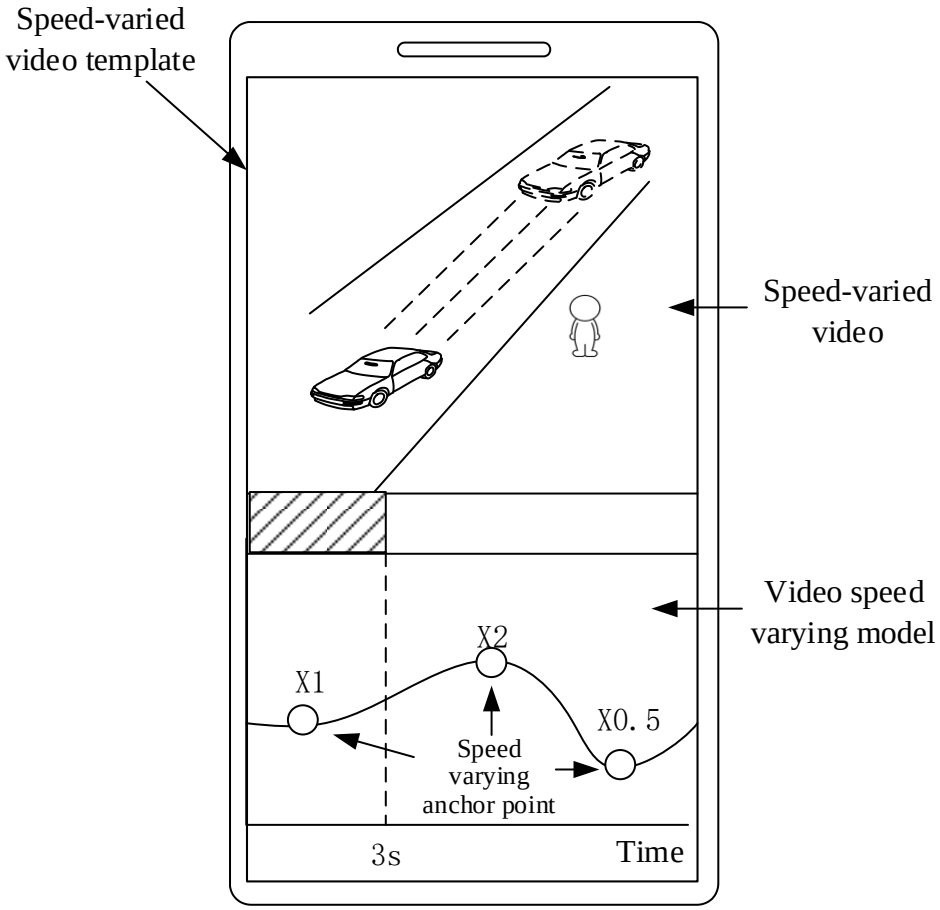
Speed-varied video template
Speed-varied video
Video speed varying model
X1
X2
X0. 5
Speed varying anchor point
3s
Time

FIG. 8

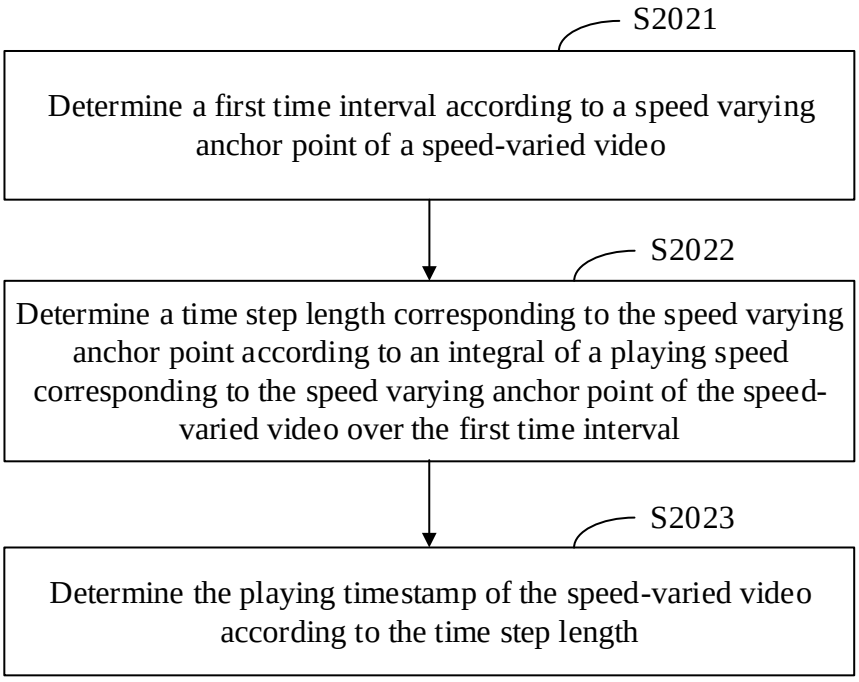
S2021
Determine a first time interval according to a speed varying anchor point of a speed-varied video
S2022
Determine a time step length corresponding to the speed varying anchor point according to an integral of a playing speed corresponding to the speed varying anchor point of the speed-varied video over the first time interval
S2023
Determine the playing timestamp of the speed-varied video according to the time step length

FIG. 9

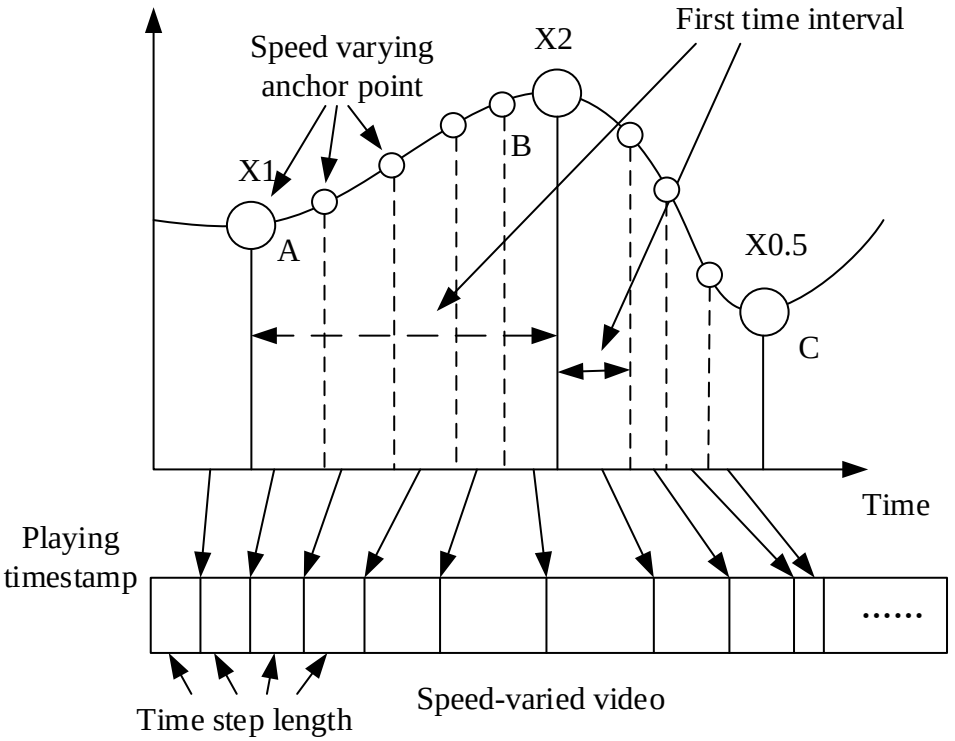
First time interval
Speed varying
anchor point
X2
B
X1
A
X0.5
C
Time
Playing
timestamp
.....
Time step length
Speed-varied video

FIG. 10

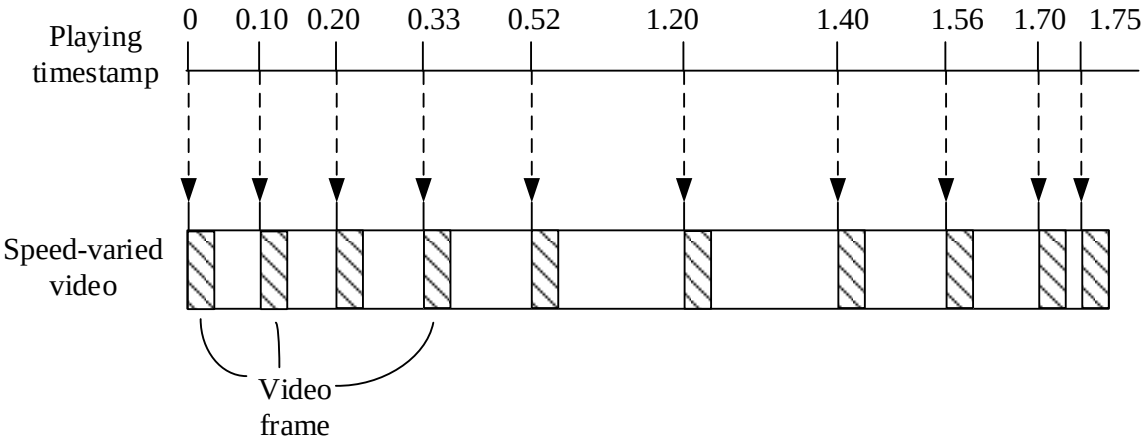
0
0.10
0.20
0.33
0.52
1.20
1.40
1.56
1.70
1.75
Playing
timestamp
Speed-varied
video
Video
frame

FIG. 11

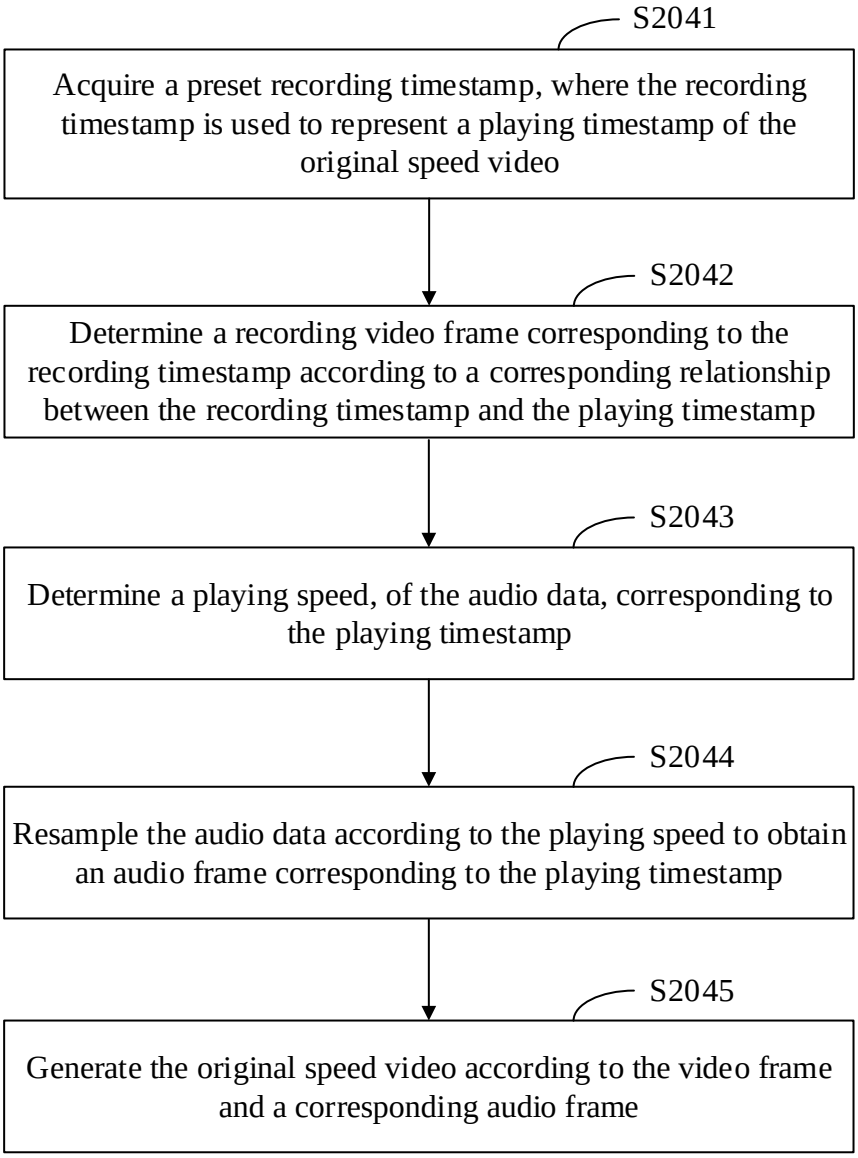
S2041
Acquire a preset recording timestamp, where the recording timestamp is used to represent a playing timestamp of the original speed video
S2042
Determine a recording video frame corresponding to the recording timestamp according to a corresponding relationship between the recording timestamp and the playing timestamp
S2043
Determine a playing speed, of the audio data, corresponding to the playing timestamp
S2044
Resample the audio data according to the playing speed to obtain an audio frame corresponding to the playing timestamp
S2045
Generate the original speed video according to the video frame and a corresponding audio frame

FIG. 12

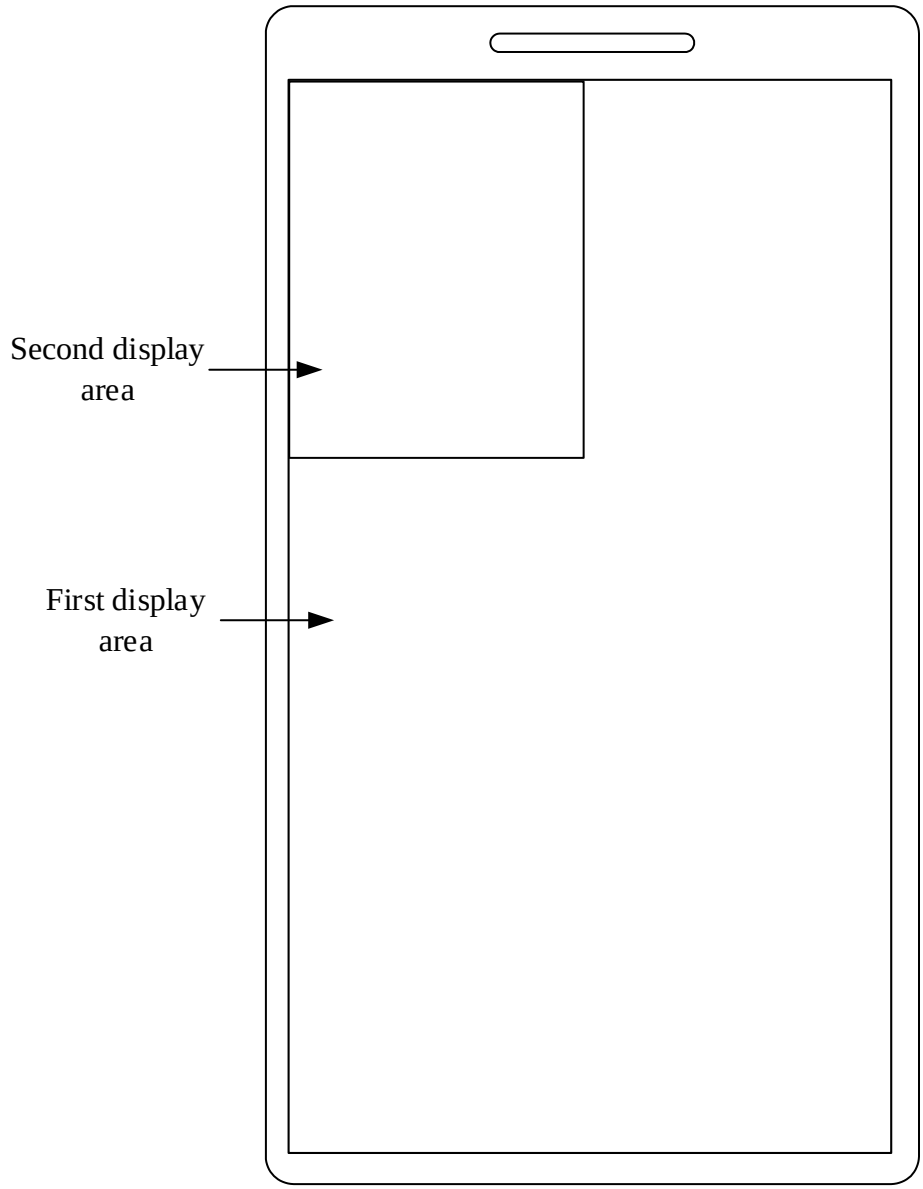

FIG. 13

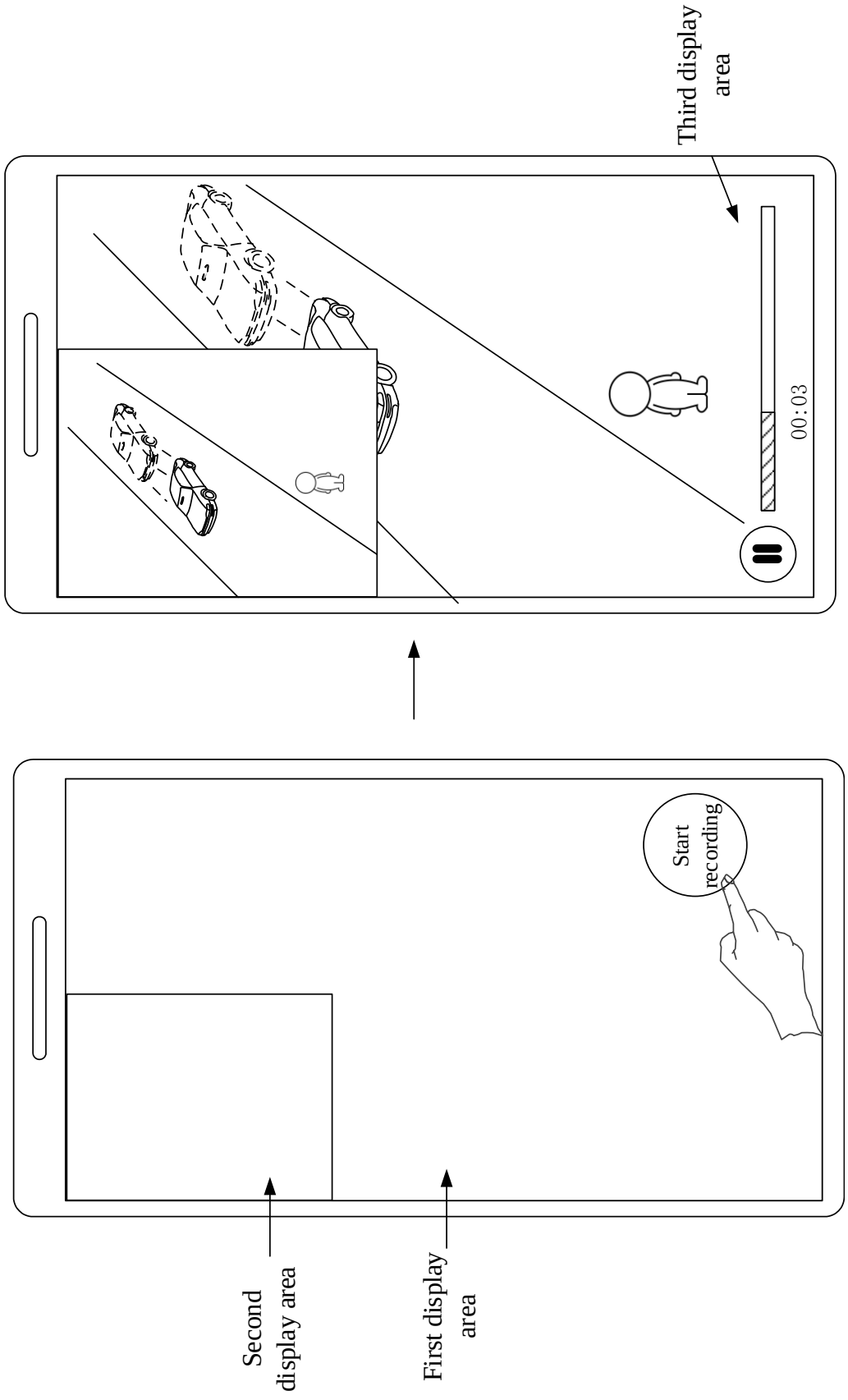
Third display area
00:03
Start recording
Second display area
First display area

FIG. 14

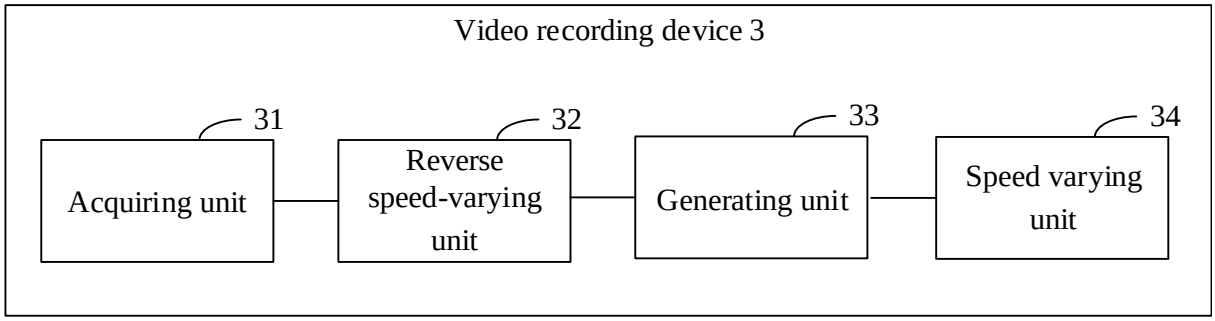

FIG. 15

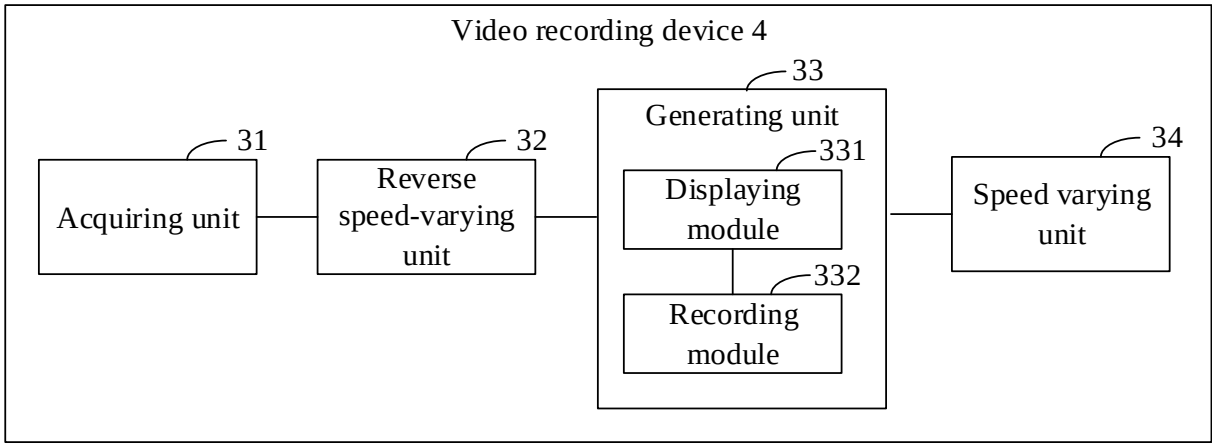

FIG. 16

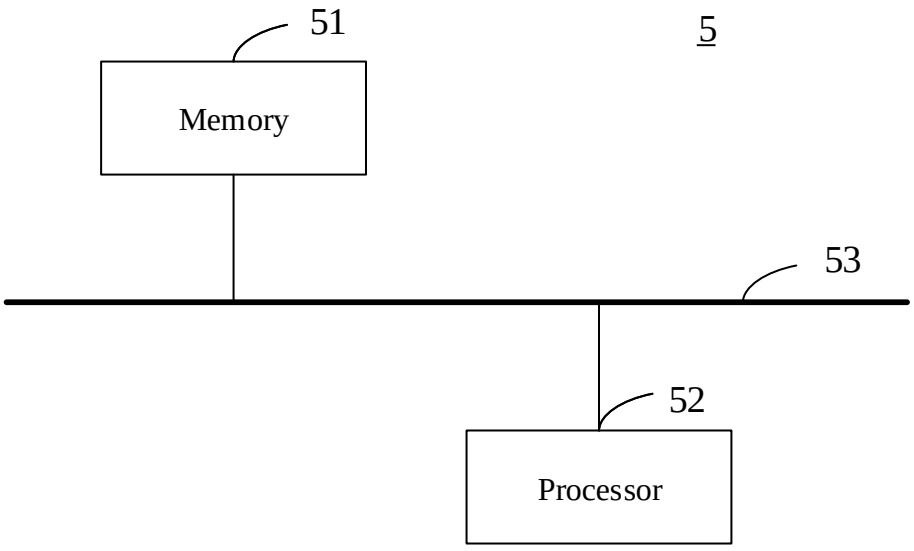

FIG. 17

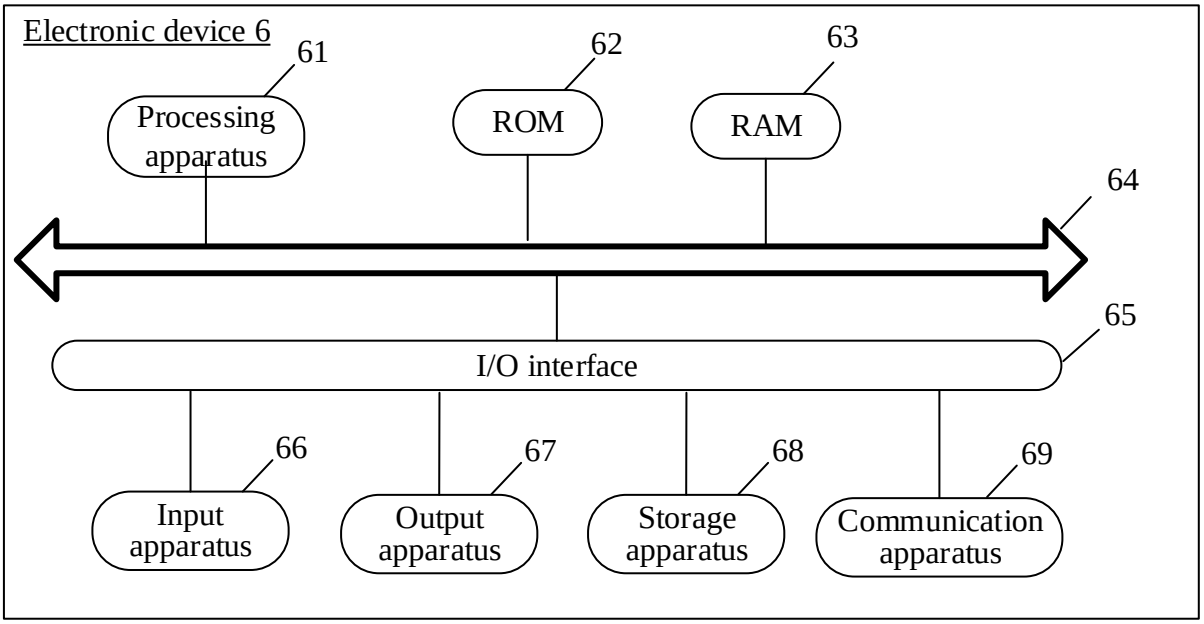
Electronic device 6
61
62
63
Processing apparatus
ROM
RAM
64
65
I/O interface
66
67
68
69
Input apparatus
Output apparatus
Storage apparatus
Communication apparatus

FIG. 18