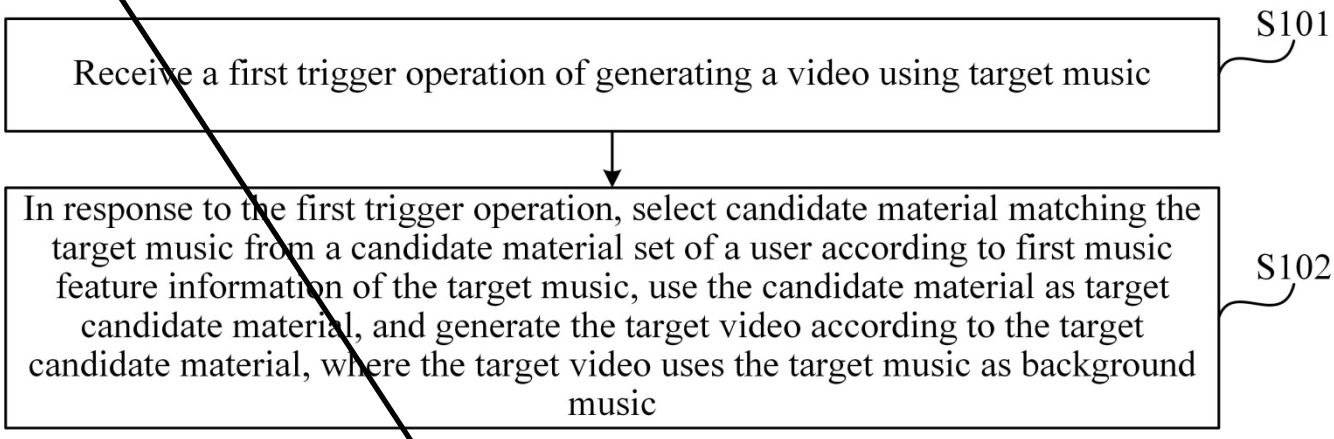

Receive a first trigger operation of generating a video using target music
S101
In response to the first trigger operation, select candidate material matching the target music from a candidate material set of a user according to first music feature information of the target music, use the candidate material as target candidate material, and generate the target video according to the target candidate material, where the target video uses the target music as background music
S102

FIG. 1

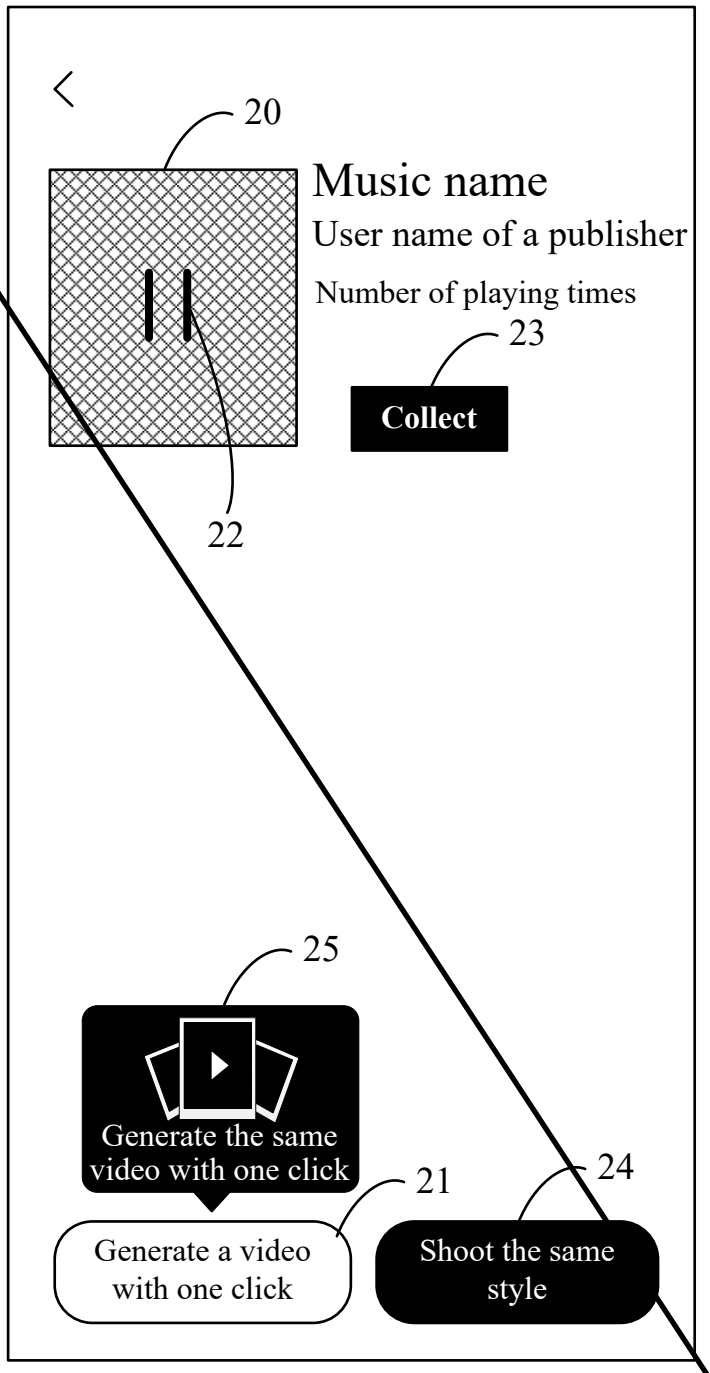

20
Music name
User name of a publisher
Number of playing times
23
Collect
22
25
Generate the same video with one click
21
24
Generate a video with one click
Shoot the same style

FIG. 2

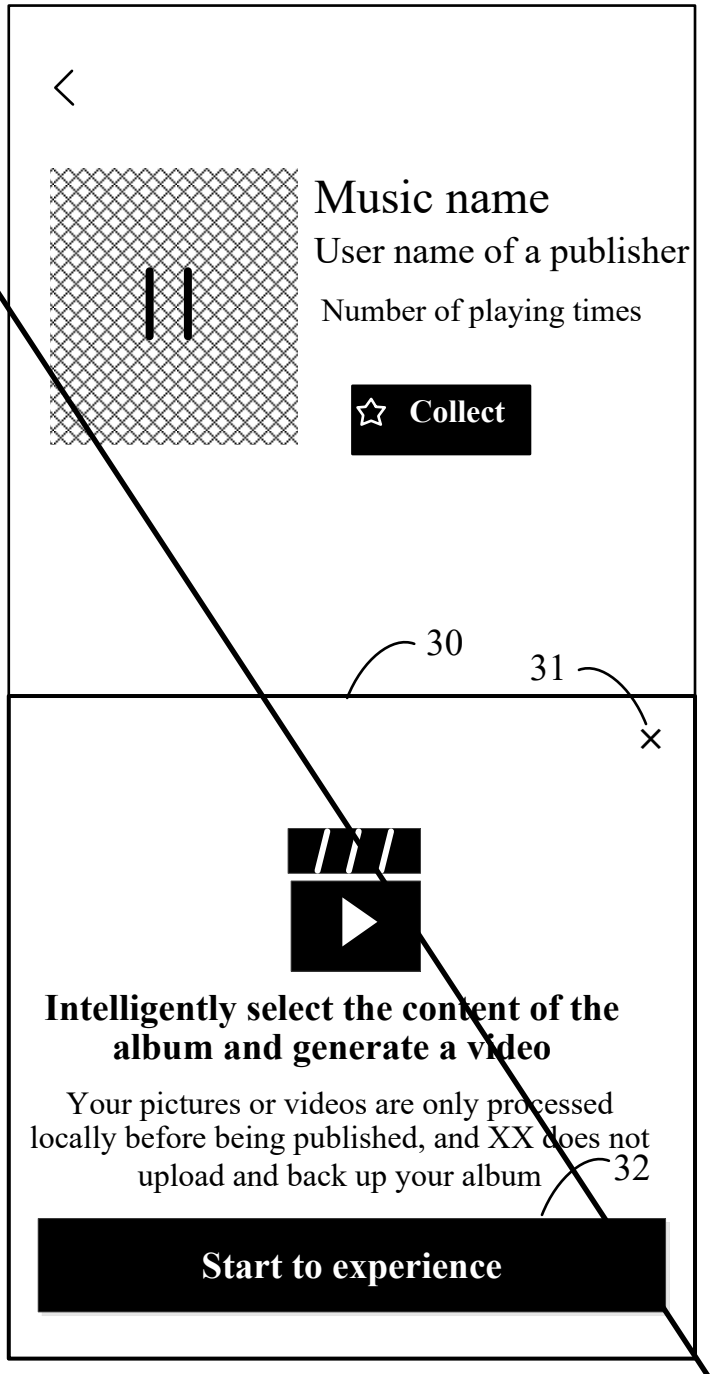

Music name
User name of a publisher
Number of playing times
Collect
30
31
Intelligently select the content of the album and generate a video
Your pictures or videos are only processed locally before being published, and XX does not upload and back up your album
32
Start to experience

FIG. 3

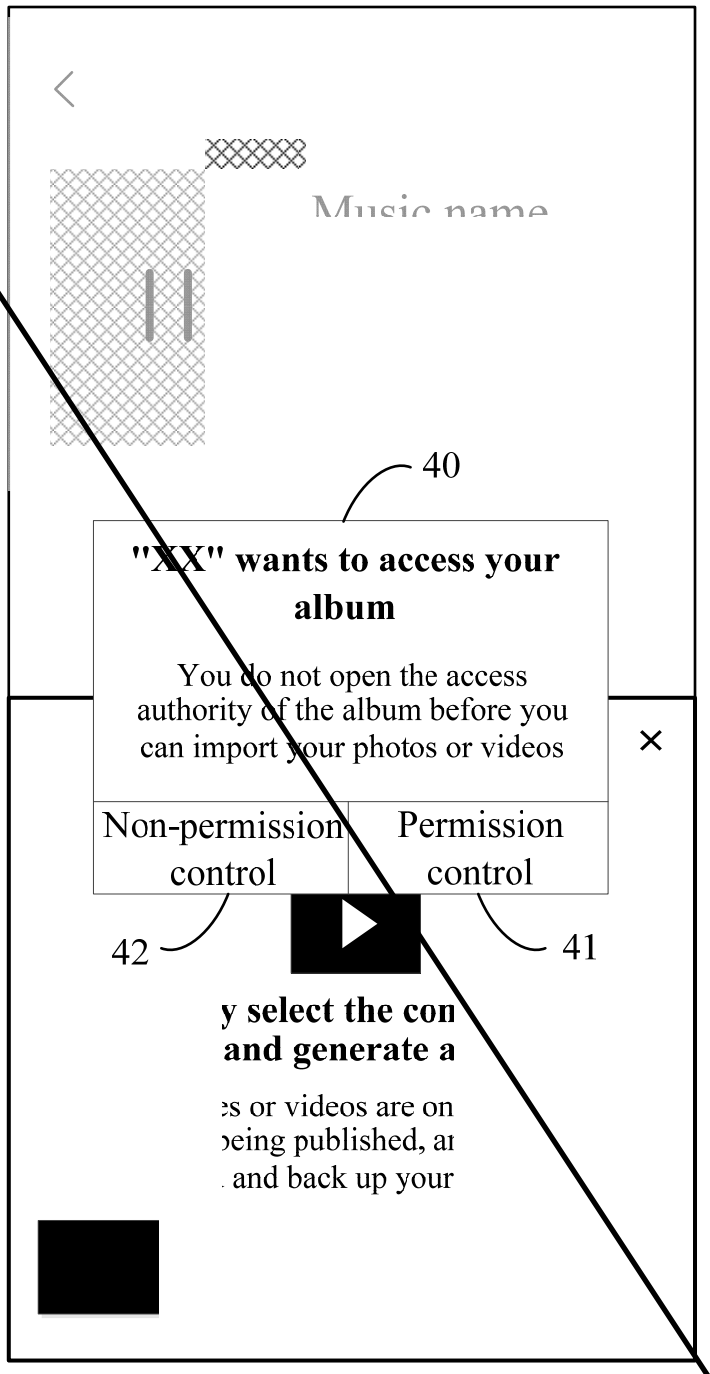

Music name
40
"XX" wants to access your album
You do not open the access authority of the album before you can import your photos or videos
Non-permission control
Permission control
42
41
y select the con
and generate a
es or videos are on
being published, ar
and back up your

FIG. 4

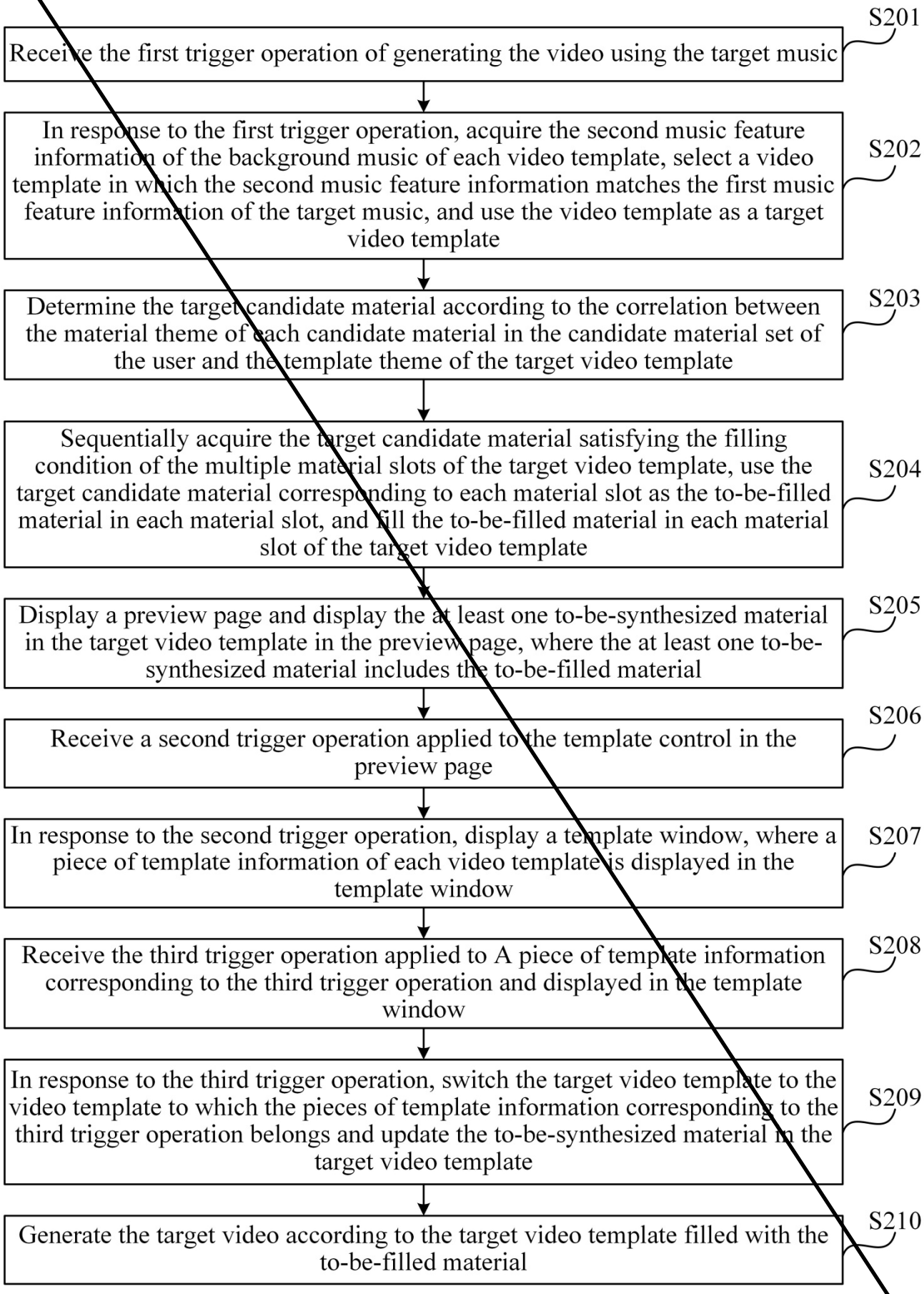

S201
Receive the first trigger operation of generating the video using the target music
S202
In response to the first trigger operation, acquire the second music feature information of the background music of each video template, select a video template in which the second music feature information matches the first music feature information of the target music, and use the video template as a target video template
S203
Determine the target candidate material according to the correlation between the material theme of each candidate material in the candidate material set of the user and the template theme of the target video template
S204
Sequentially acquire the target candidate material satisfying the filling condition of the multiple material slots of the target video template, use the target candidate material corresponding to each material slot as the to-be-filled material in each material slot, and fill the to-be-filled material in each material slot of the target video template
S205
Display a preview page and display the at least one to-be-synthesized material in the target video template in the preview page, where the at least one to-be-synthesized material includes the to-be-filled material
S206
Receive a second trigger operation applied to the template control in the preview page
S207
In response to the second trigger operation, display a template window, where a piece of template information of each video template is displayed in the template window
S208
Receive the third trigger operation applied to A piece of template information corresponding to the third trigger operation and displayed in the template window
S209
In response to the third trigger operation, switch the target video template to the video template to which the pieces of template information corresponding to the third trigger operation belongs and update the to-be-synthesized material in the target video template
S210
Generate the target video according to the target video template filled with the to-be-filled material

FIG. 5

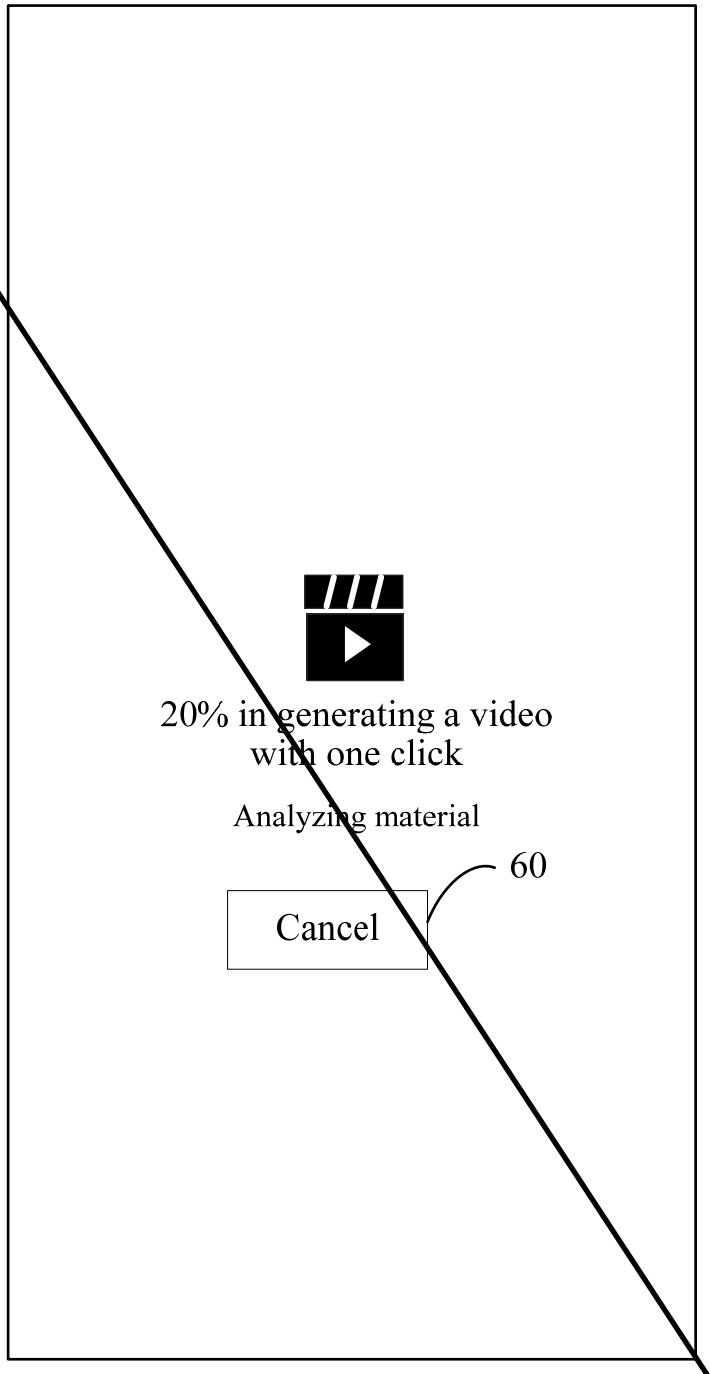

20% in generating a video with one click
Analyzing material
60
Cancel

FIG. 6

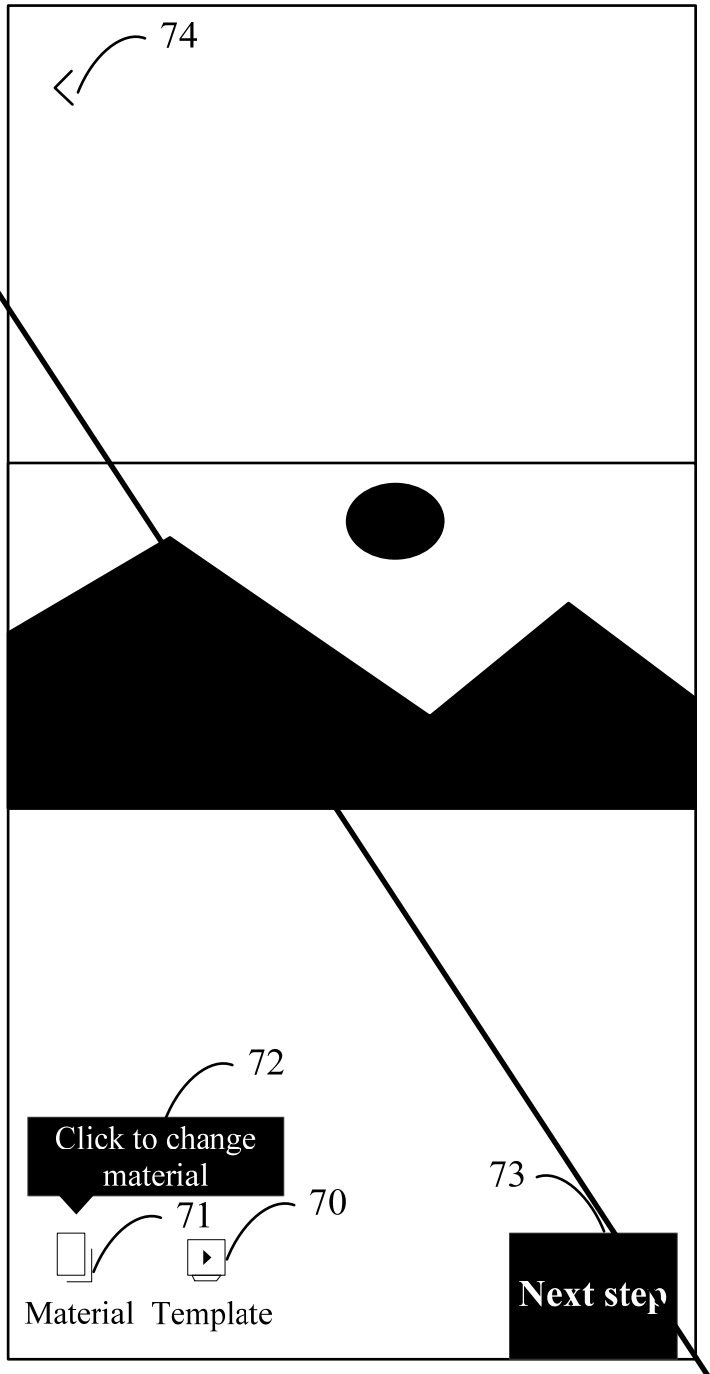

74
72
Click to change material
73
71
70
Material
Template
Next step

FIG. 7

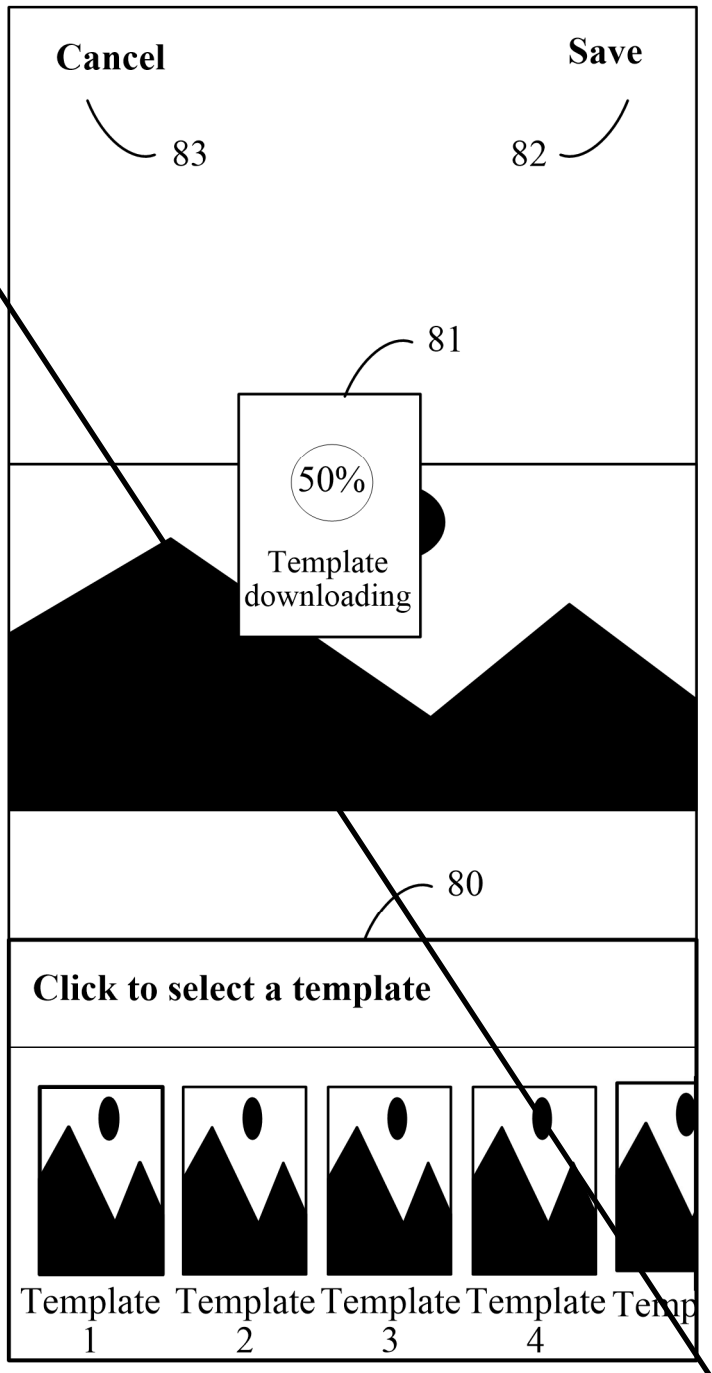

Cancel
Save
83
82
81
50%
Template downloading
80
Click to select a template
Template 1
Template 2
Template 3
Template 4
Temp

FIG. 8

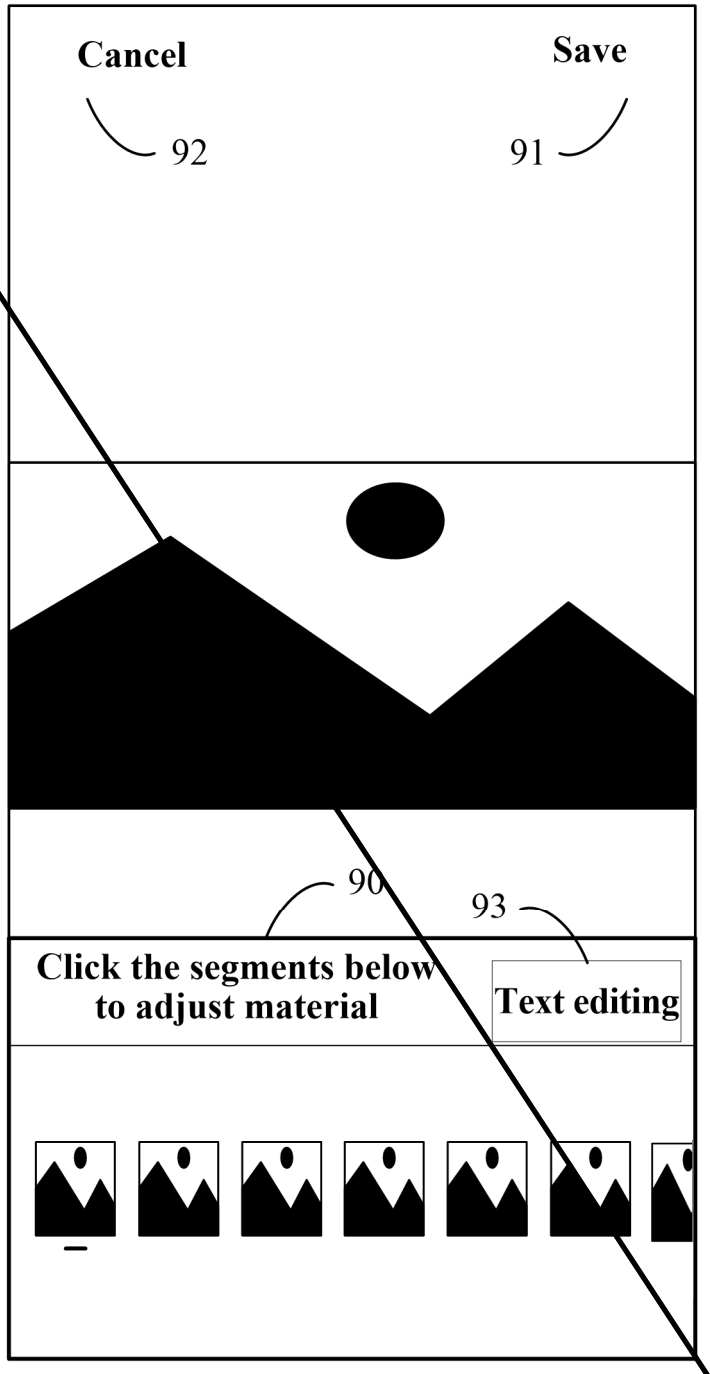

Cancel
Save
92
91
90
93
Click the segments below to adjust material
Text editing

FIG. 9

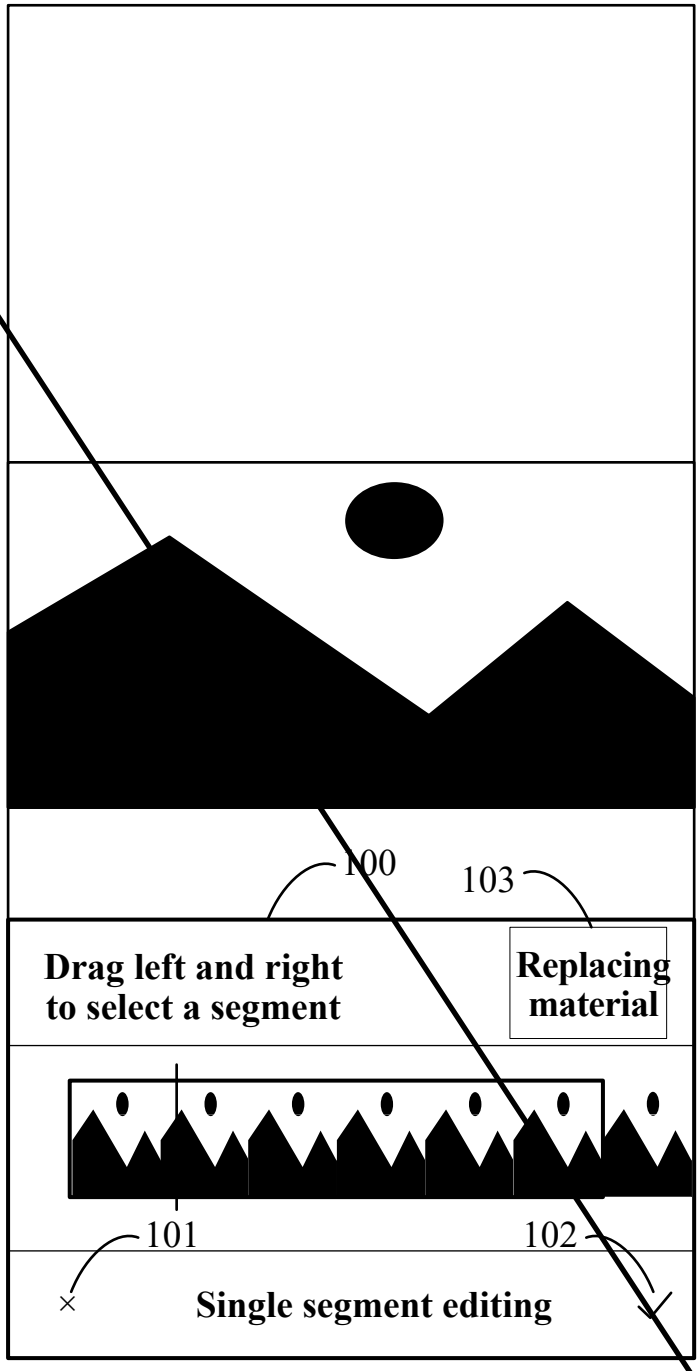

100
103
Drag left and right
to select a segment
Replacing
material
101
102
Single segment editing

FIG. 10

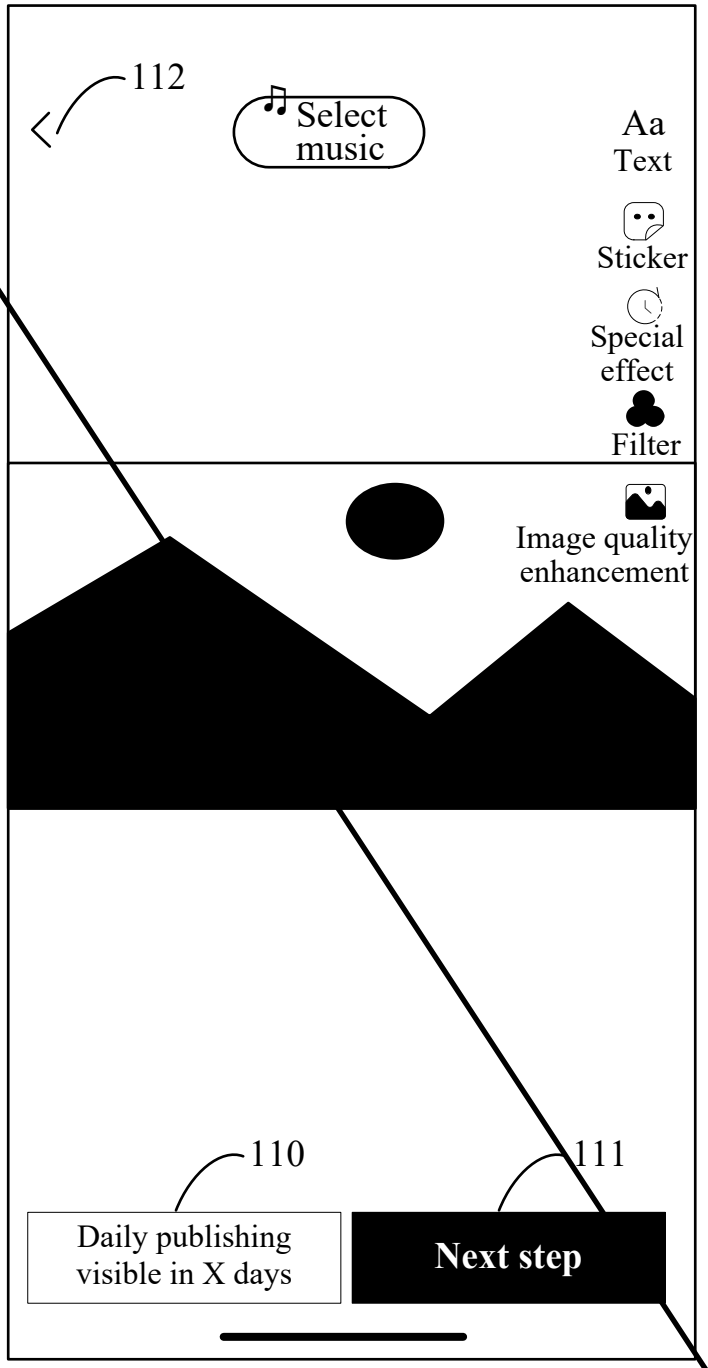

112
Select music
Aa
Text
Sticker
Special effect
Filter
Image quality enhancement
110
111
Daily publishing visible in X days
Next step

FIG. 11

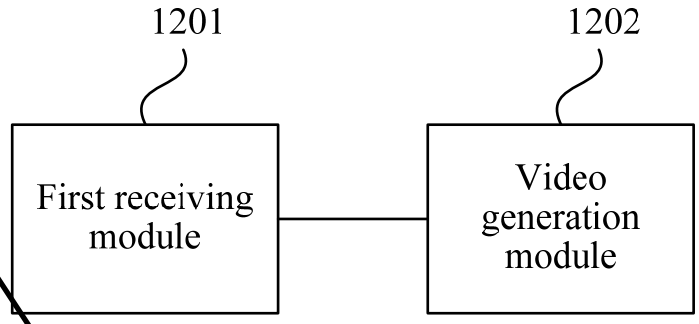

1201
1202
First receiving module
Video generation module

FIG. 12

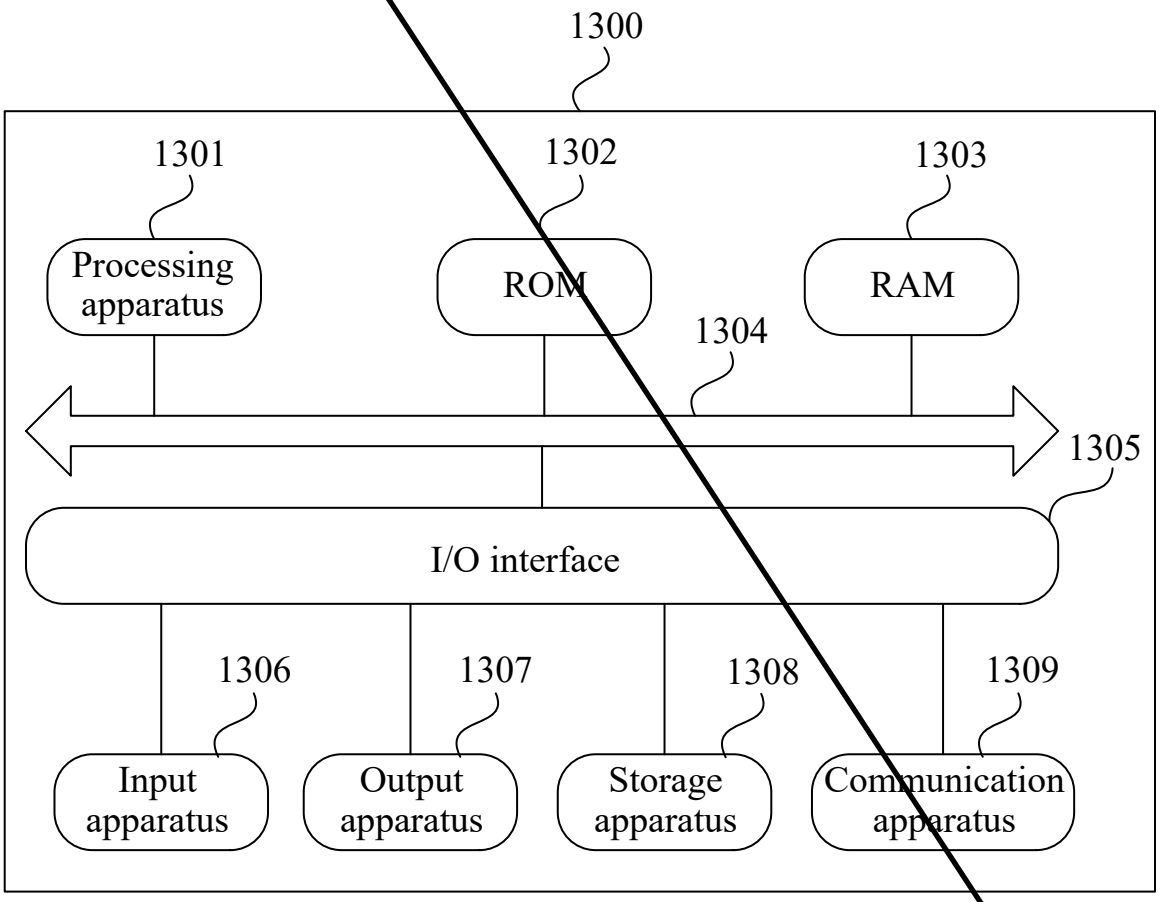

1300
1301
1302
1303
Processing apparatus
ROM
RAM
1304
1305
I/O interface
1306
1307
1308
1309
Input apparatus
Output apparatus
Storage apparatus
Communication apparatus

FIG. 13

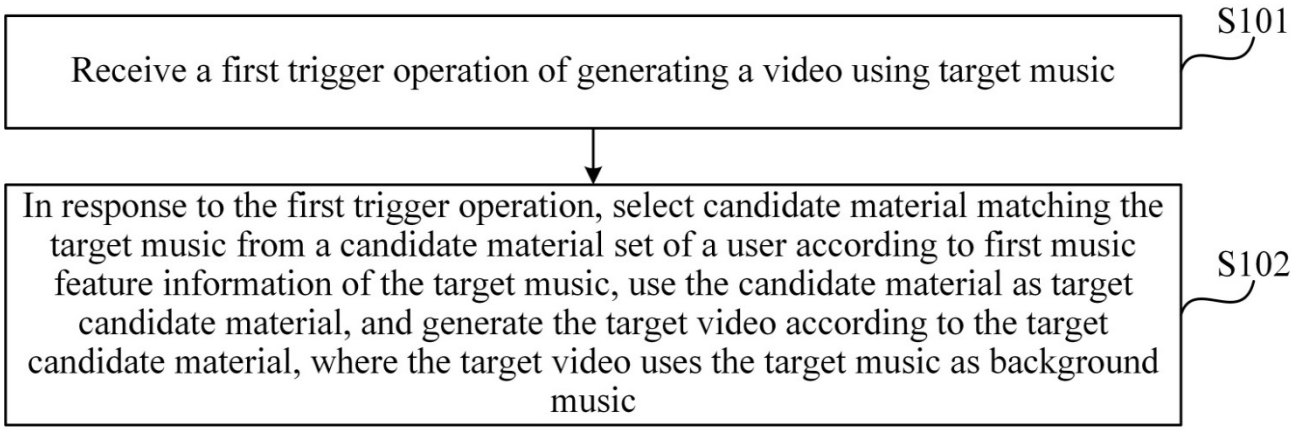

Receive a first trigger operation of generating a video using target music
S101
In response to the first trigger operation, select candidate material matching the target music from a candidate material set of a user according to first music feature information of the target music, use the candidate material as target candidate material, and generate the target video according to the target candidate material, where the target video uses the target music as background music
S102

FIG. 1

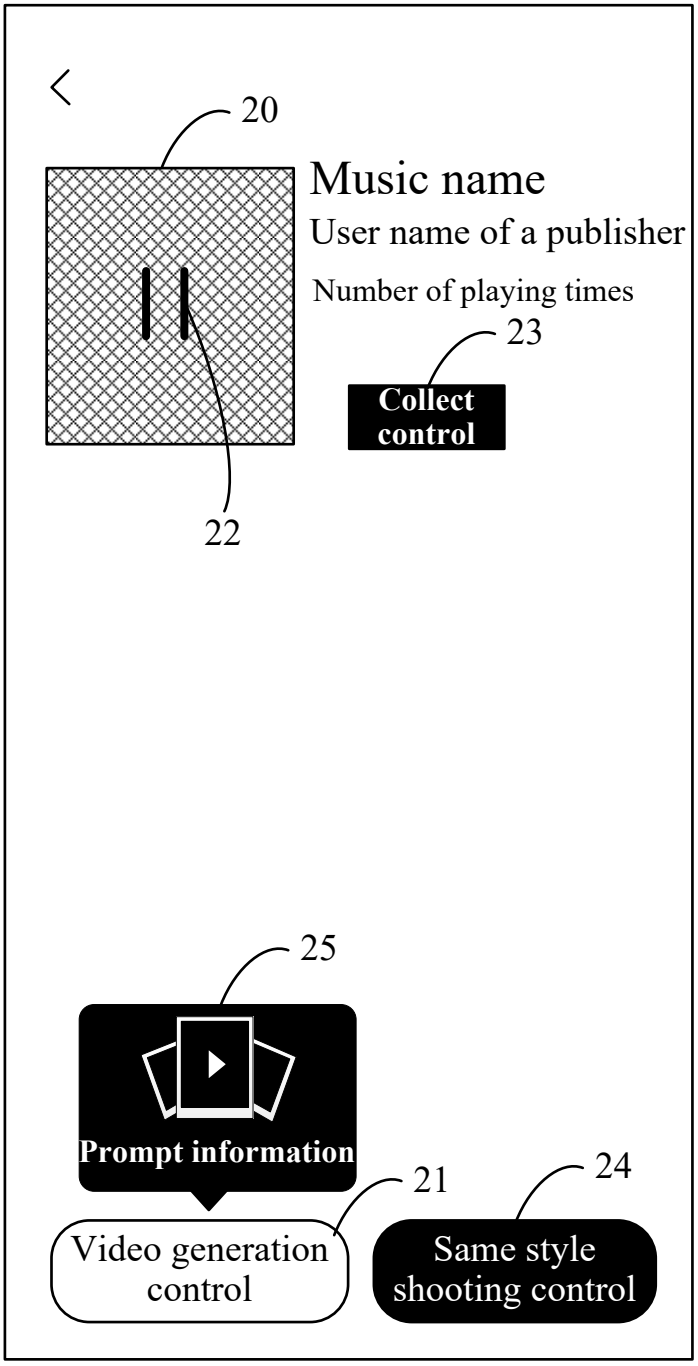

20
Music name
User name of a publisher
Number of playing times
23
Collect control
22
25
Prompt information
21
24
Video generation control
Same style shooting control

FIG. 2

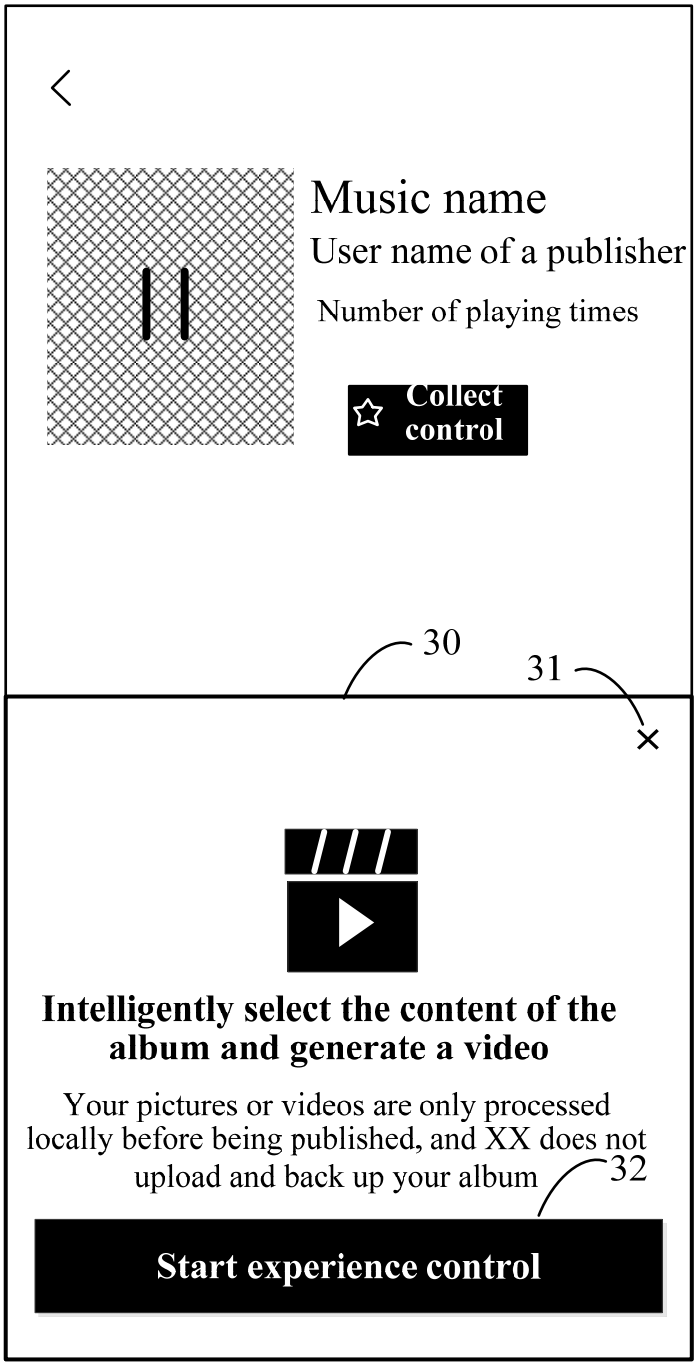

Music name
User name of a publisher
Number of playing times
Collect control
30
31
Intelligently select the content of the album and generate a video
Your pictures or videos are only processed locally before being published, and XX does not upload and back up your album
32
Start experience control

FIG. 3

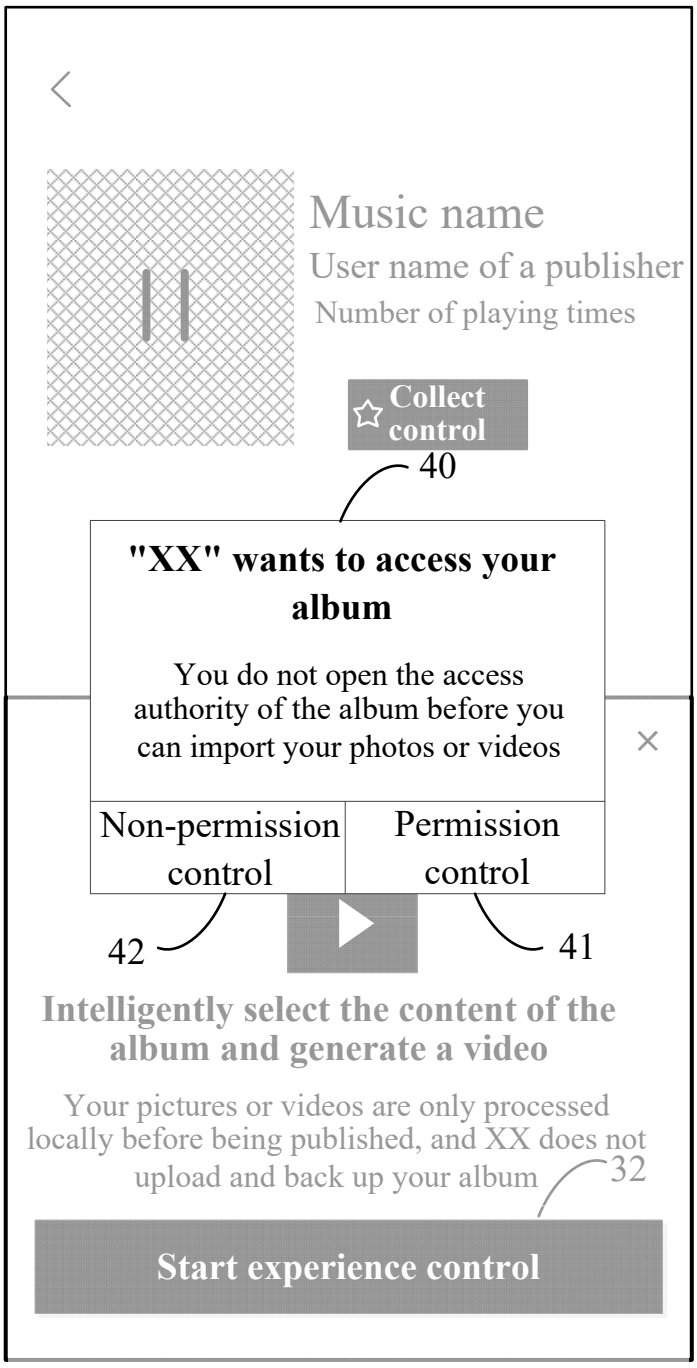

Music name
User name of a publisher
Number of playing times
Collect control
40
"XX" wants to access your album
You do not open the access authority of the album before you can import your photos or videos
Non-permission control
Permission control
42
41
Intelligently select the content of the album and generate a video
Your pictures or videos are only processed locally before being published, and XX does not upload and back up your album
32
Start experience control

FIG. 4

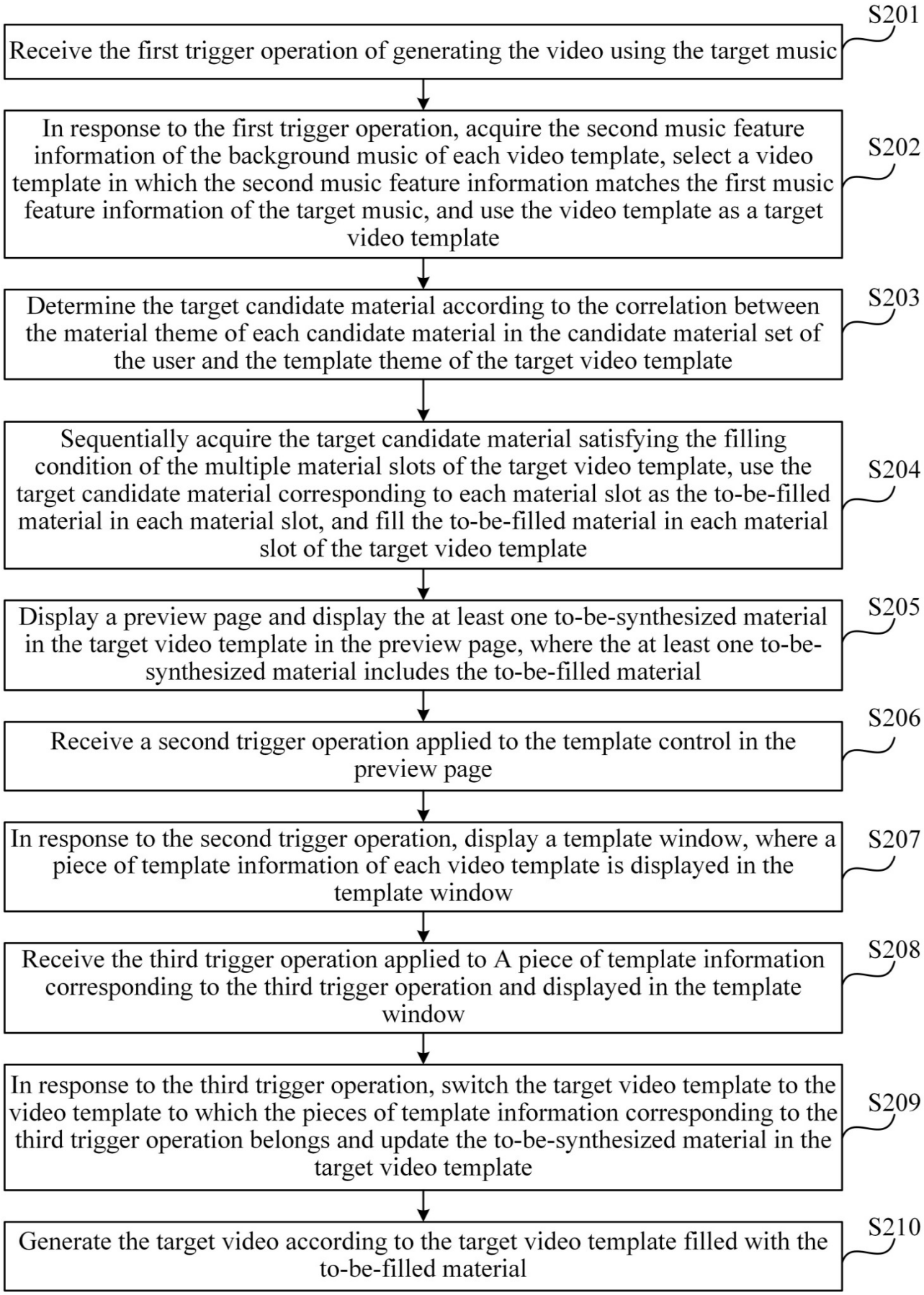

S201
Receive the first trigger operation of generating the video using the target music
S202
In response to the first trigger operation, acquire the second music feature information of the background music of each video template, select a video template in which the second music feature information matches the first music feature information of the target music, and use the video template as a target video template
S203
Determine the target candidate material according to the correlation between the material theme of each candidate material in the candidate material set of the user and the template theme of the target video template
S204
Sequentially acquire the target candidate material satisfying the filling condition of the multiple material slots of the target video template, use the target candidate material corresponding to each material slot as the to-be-filled material in each material slot, and fill the to-be-filled material in each material slot of the target video template
S205
Display a preview page and display the at least one to-be-synthesized material in the target video template in the preview page, where the at least one to-be-synthesized material includes the to-be-filled material
S206
Receive a second trigger operation applied to the template control in the preview page
S207
In response to the second trigger operation, display a template window, where a piece of template information of each video template is displayed in the template window
S208
Receive the third trigger operation applied to A piece of template information corresponding to the third trigger operation and displayed in the template window
S209
In response to the third trigger operation, switch the target video template to the video template to which the pieces of template information corresponding to the third trigger operation belongs and update the to-be-synthesized material in the target video template
S210
Generate the target video according to the target video template filled with the to-be-filled material

FIG. 5

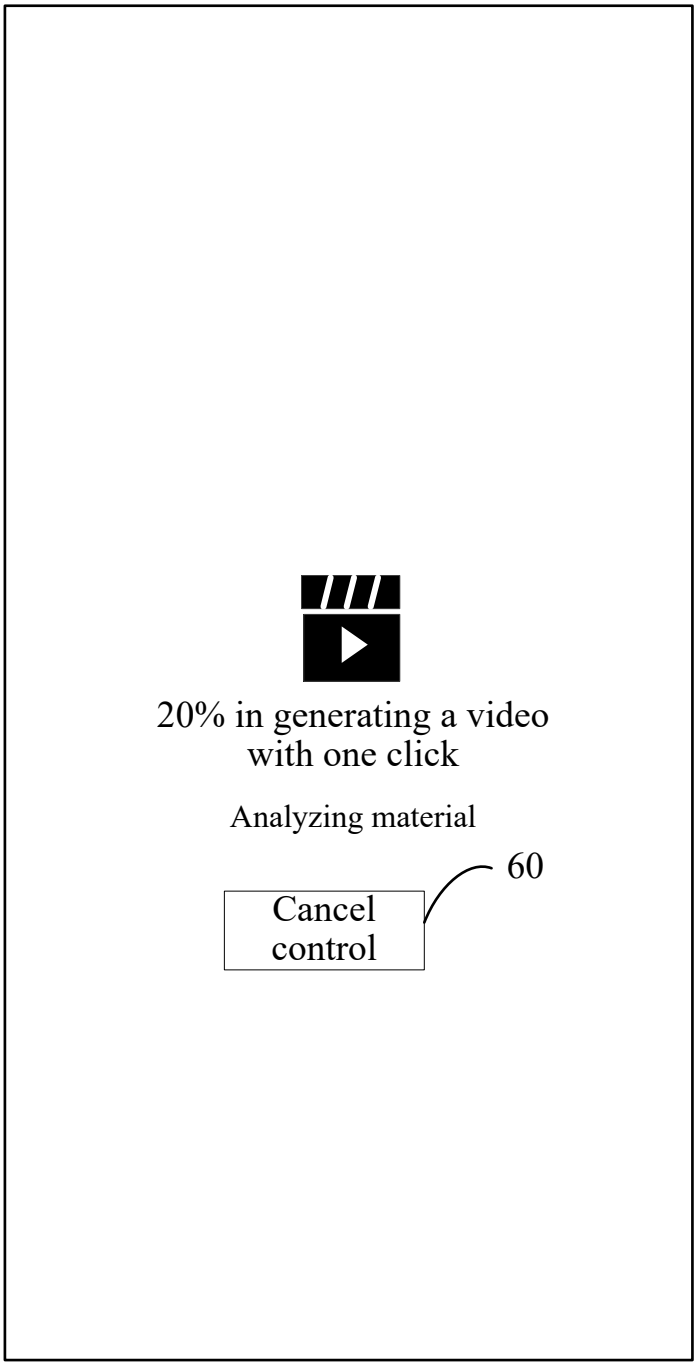

20% in generating a video with one click
Analyzing material
60
Cancel control

FIG. 6

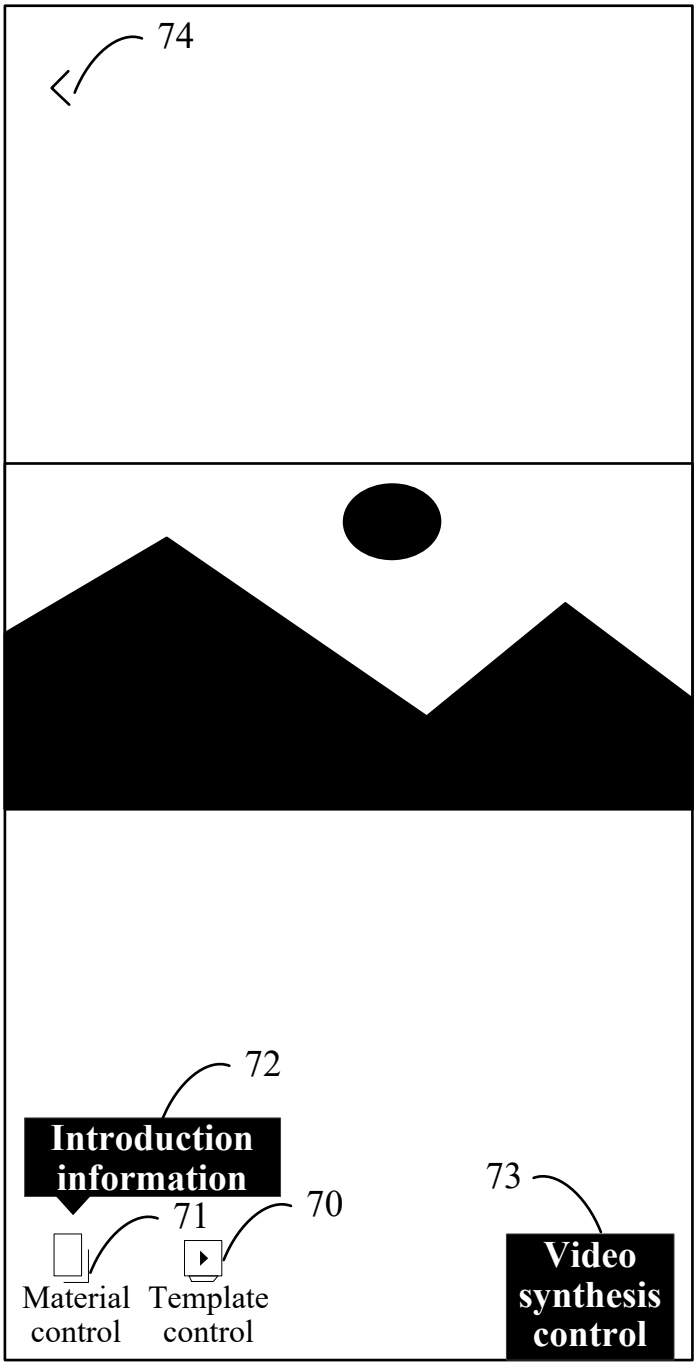

74
72
Introduction information
71
70
73
Material control
Template control
Video synthesis control

FIG. 7

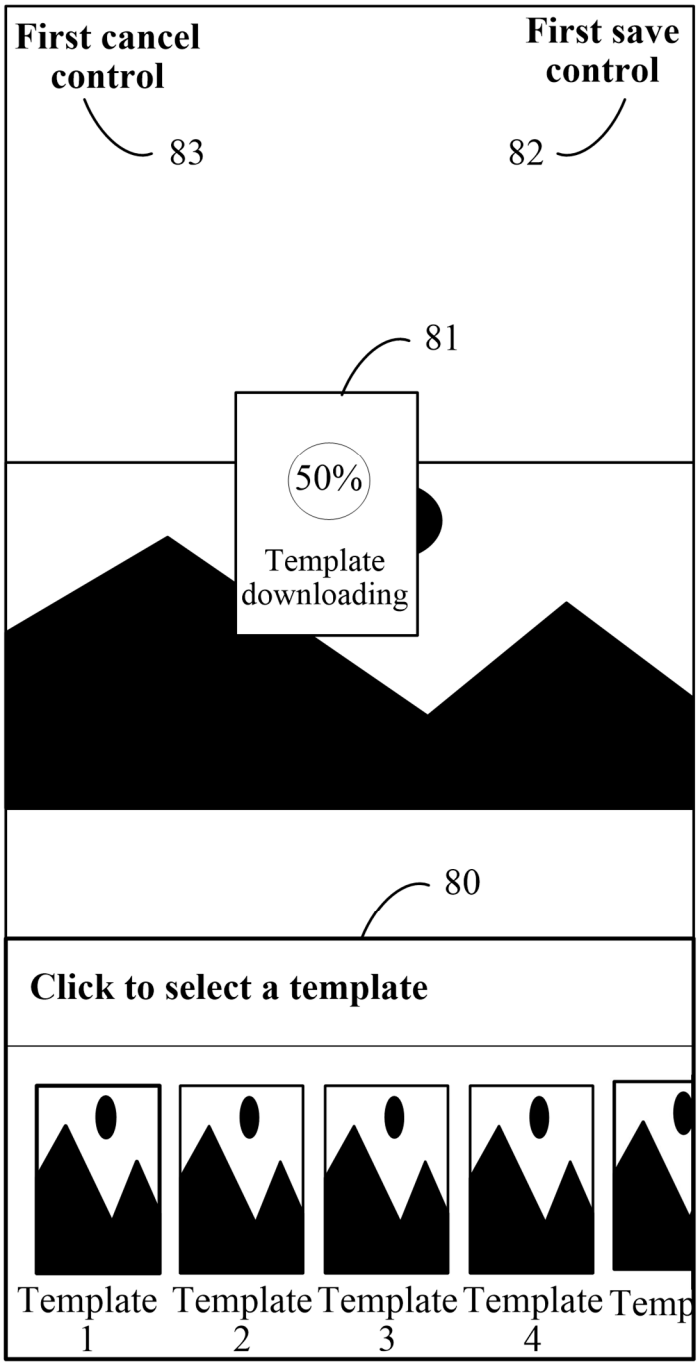

First cancel control
83
First save control
82
81
50%
Template downloading
80
Click to select a template
Template 1
Template 2
Template 3
Template 4
Temp

FIG. 8

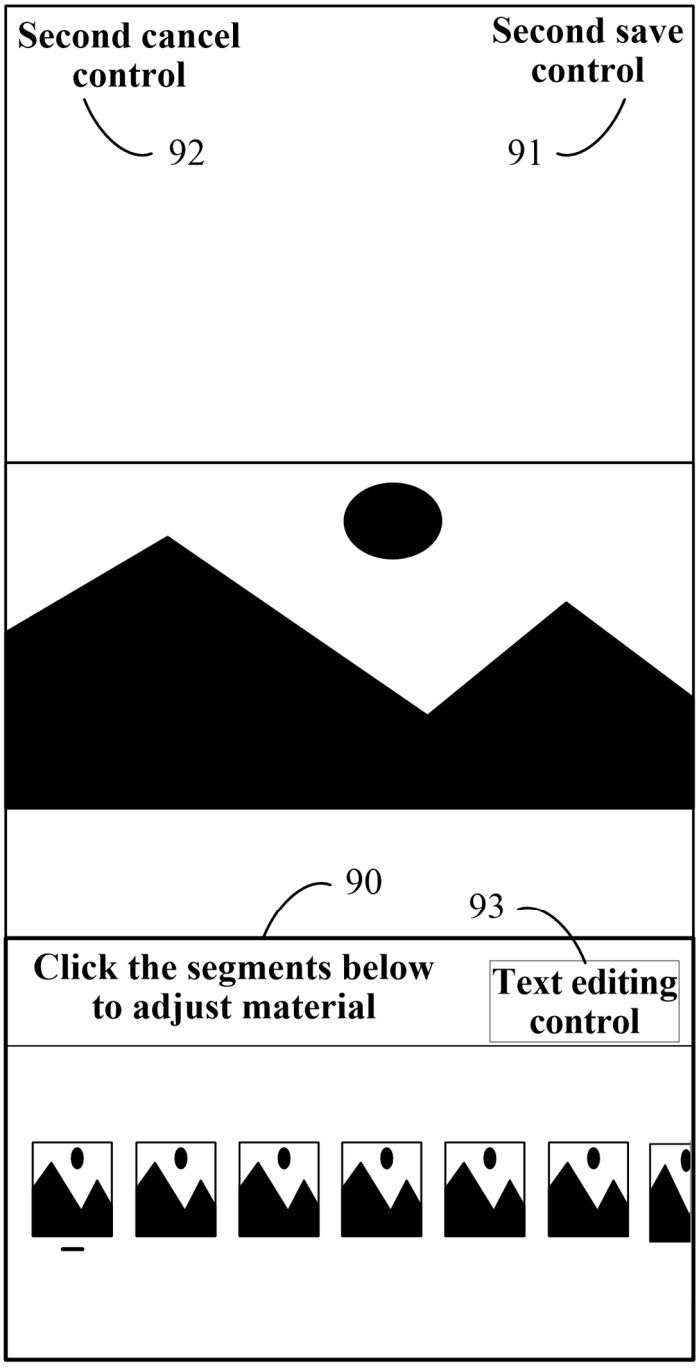

Second cancel control
92
Second save control
91
90
93
Click the segments below to adjust material
Text editing control

FIG. 9

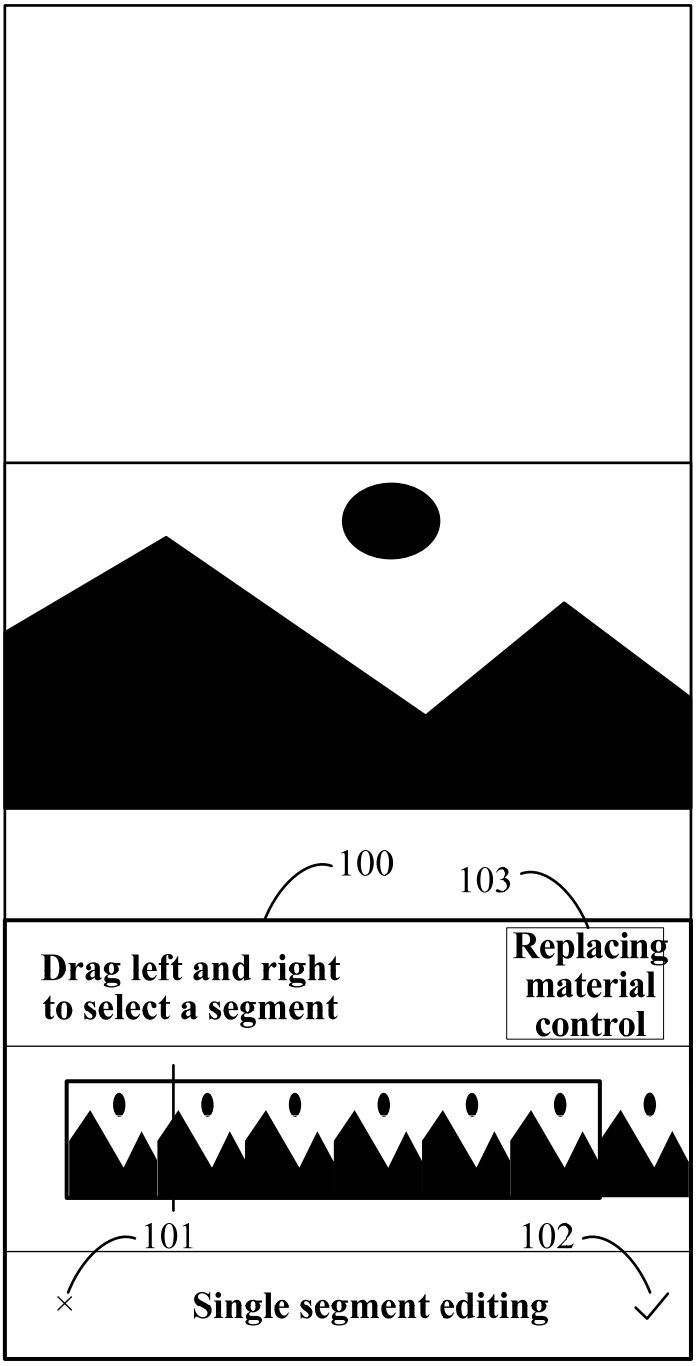

100
103
Drag left and right to select a segment
Replacing material control
101
102
Single segment editing

FIG. 10

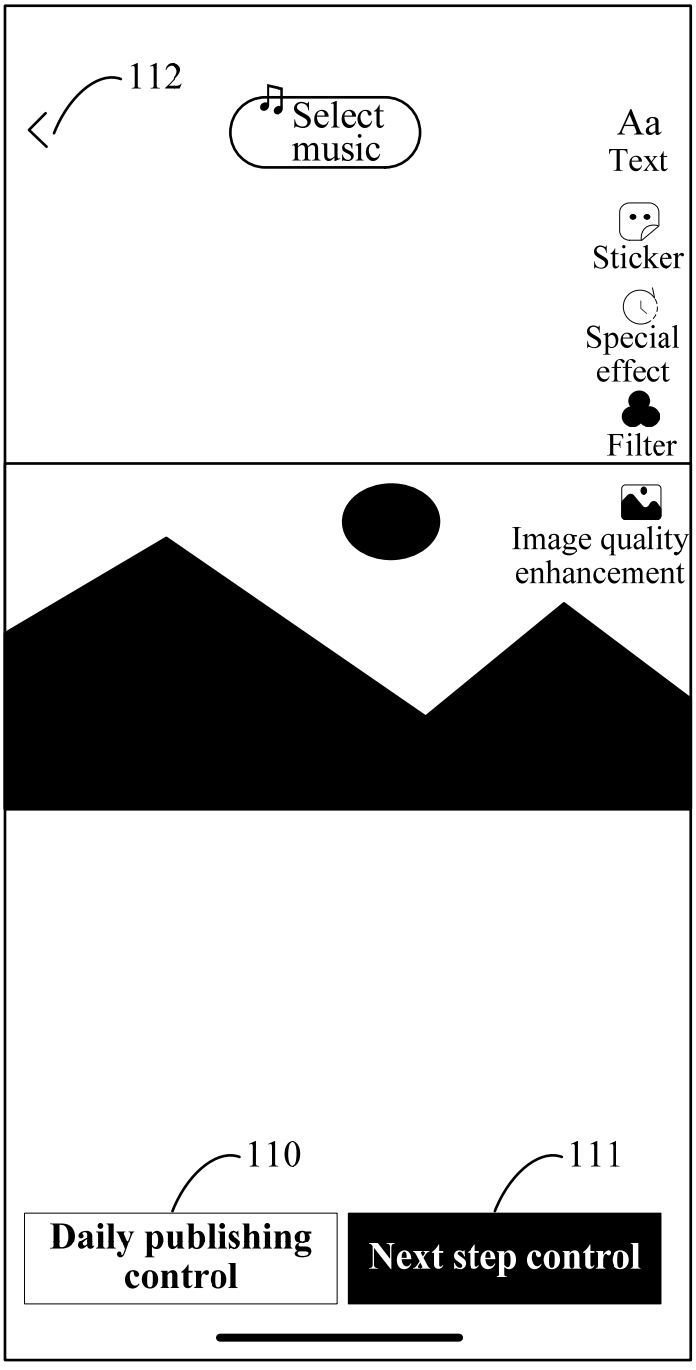

112
Select music
Aa
Text
Sticker
Special effect
Filter
Image quality enhancement
110
111
Daily publishing control
Next step control

FIG. 11

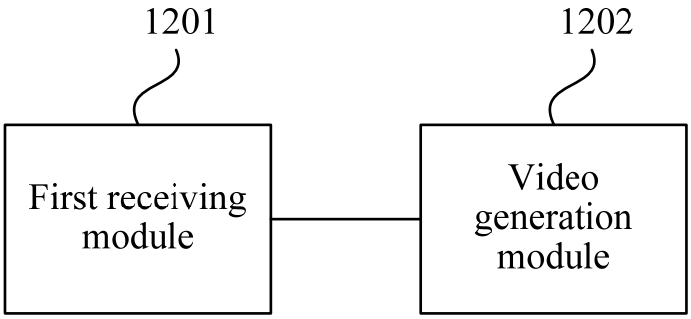

1201
1202
First receiving module
Video generation module

FIG. 12

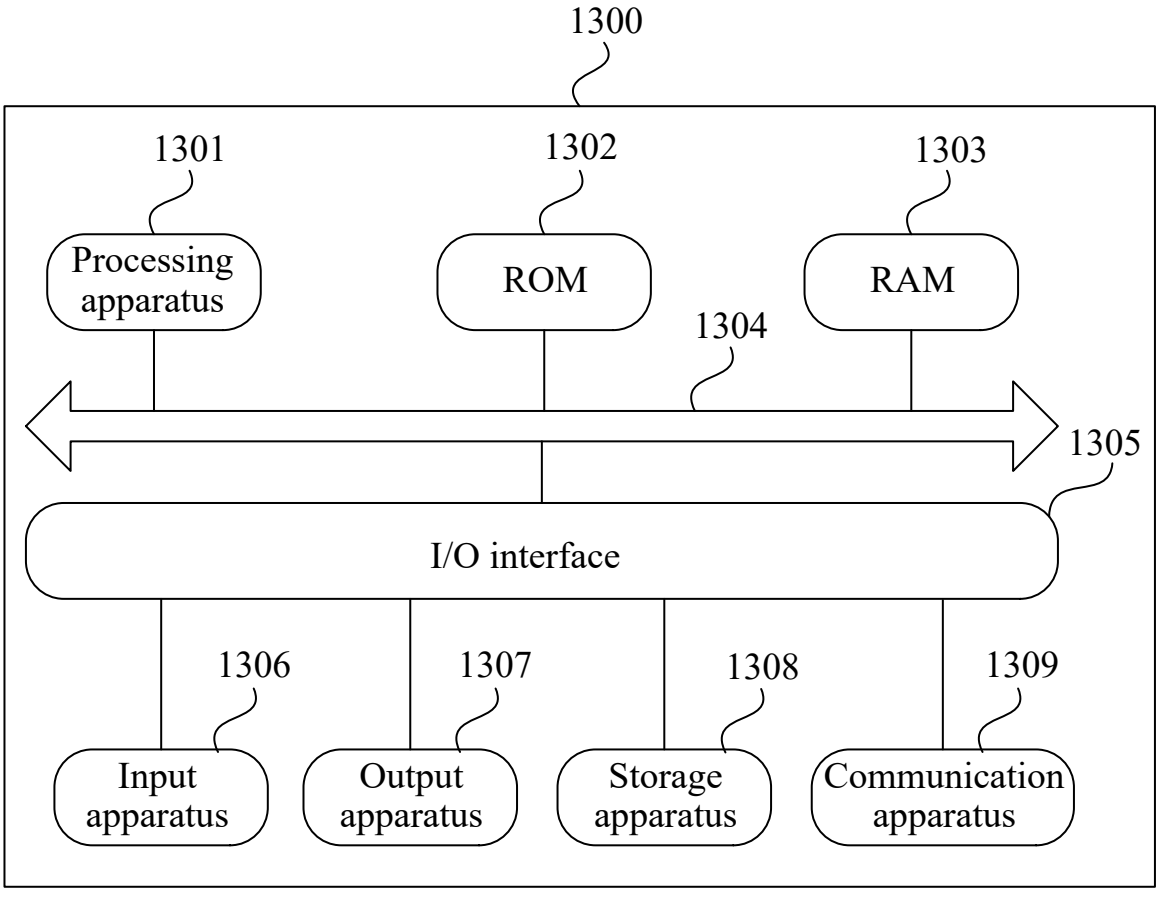

1300
1301
1302
1303
Processing apparatus
ROM
RAM
1304
1305
I/O interface
1306
1307
1308
1309
Input apparatus
Output apparatus
Storage apparatus
Communication apparatus

FIG. 13