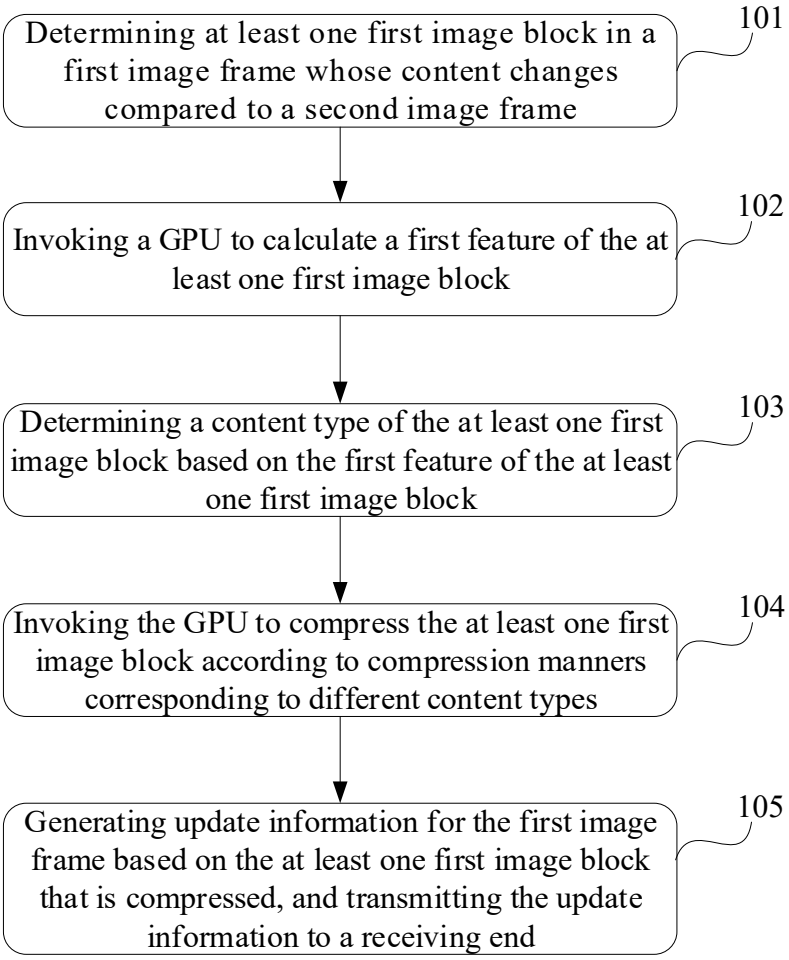

Determining at least one first image block in a first image frame whose content changes compared to a second image frame
101
Invoking a GPU to calculate a first feature of the at least one first image block
102
Determining a content type of the at least one first image block based on the first feature of the at least one first image block
103
Invoking the GPU to compress the at least one first image block according to compression manners corresponding to different content types
104
Generating update information for the first image frame based on the at least one first image block that is compressed, and transmitting the update information to a receiving end
105

FIG. 1

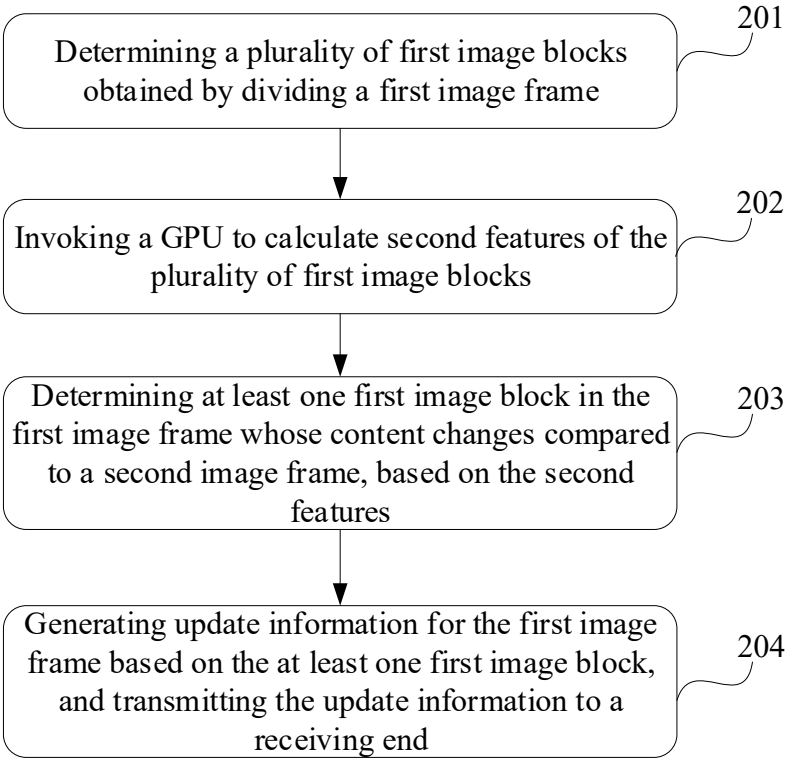

Determining a plurality of first image blocks obtained by dividing a first image frame
201
Invoking a GPU to calculate second features of the plurality of first image blocks
202
Determining at least one first image block in the first image frame whose content changes compared to a second image frame, based on the second features
203
Generating update information for the first image frame based on the at least one first image block, and transmitting the update information to a receiving end
204

FIG. 2

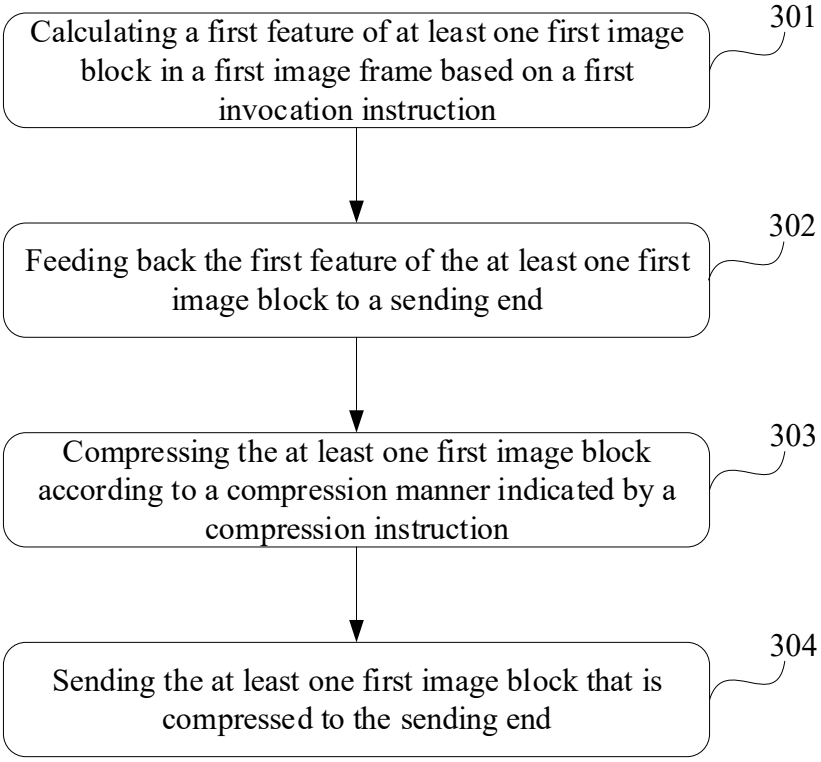

Calculating a first feature of at least one first image block in a first image frame based on a first invocation instruction
301
Feeding back the first feature of the at least one first image block to a sending end
302
Compressing the at least one first image block according to a compression manner indicated by a compression instruction
303
Sending the at least one first image block that is compressed to the sending end
304

FIG. 3

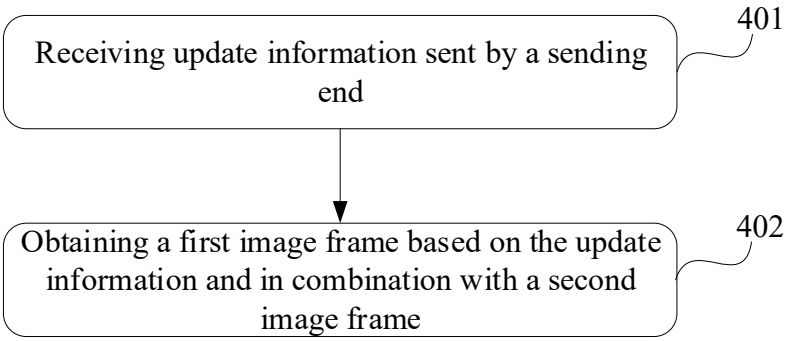

Receiving update information sent by a sending end
401
Obtaining a first image frame based on the update information and in combination with a second image frame
402

FIG. 4

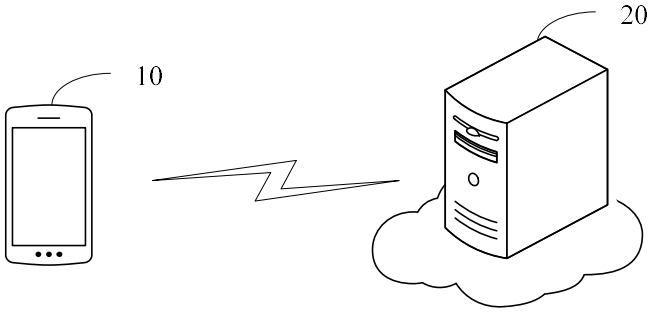

20
10

FIG. 5

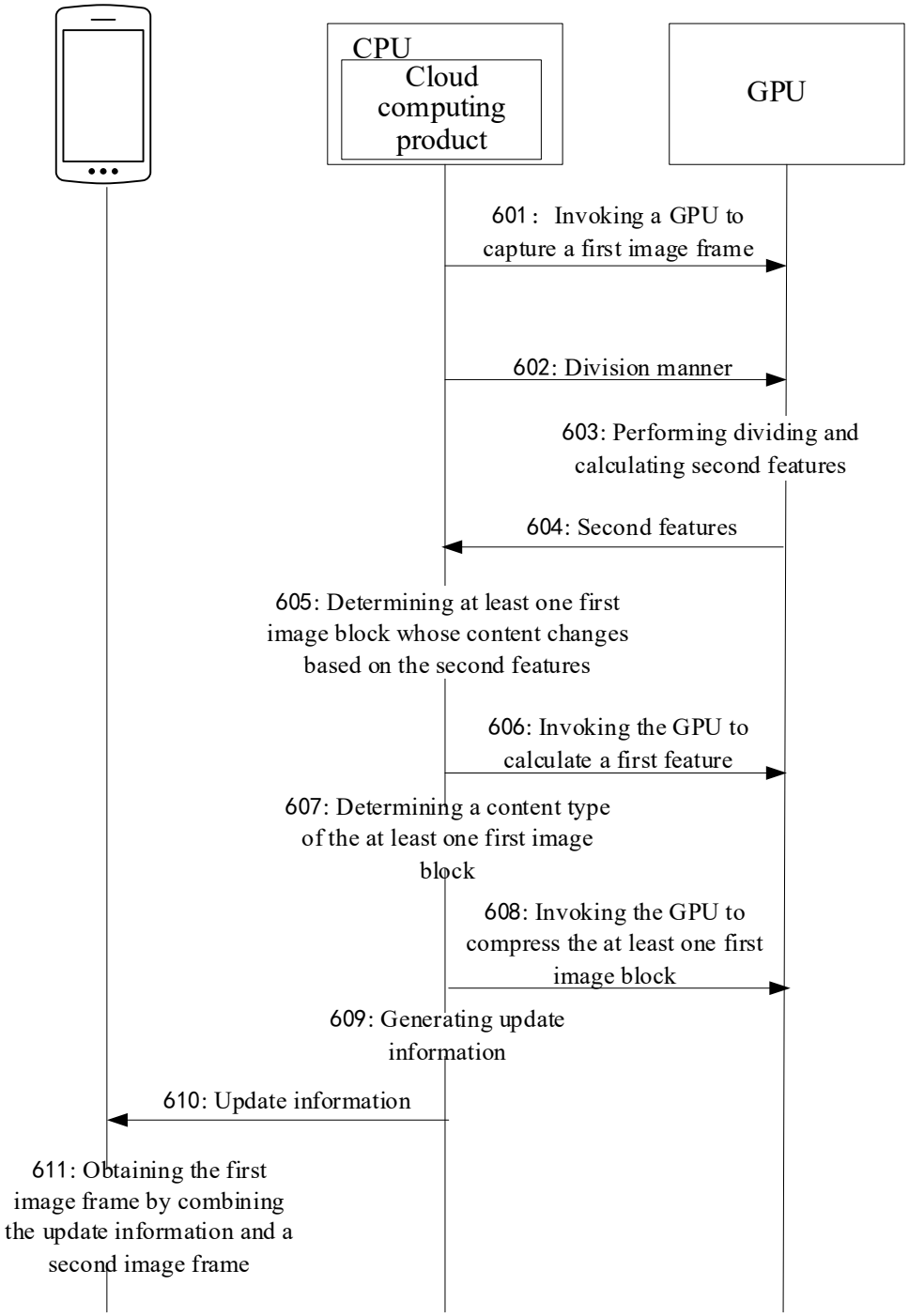

CPU
Cloud computing product
GPU
601: Invoking a GPU to capture a first image frame
602: Division manner
603: Performing dividing and calculating second features
604: Second features
605: Determining at least one first image block whose content changes based on the second features
606: Invoking the GPU to calculate a first feature
607: Determining a content type of the at least one first image block
608: Invoking the GPU to compress the at least one first image block
609: Generating update information
610: Update information
611: Obtaining the first image frame by combining the update information and a second image frame

FIG. 6

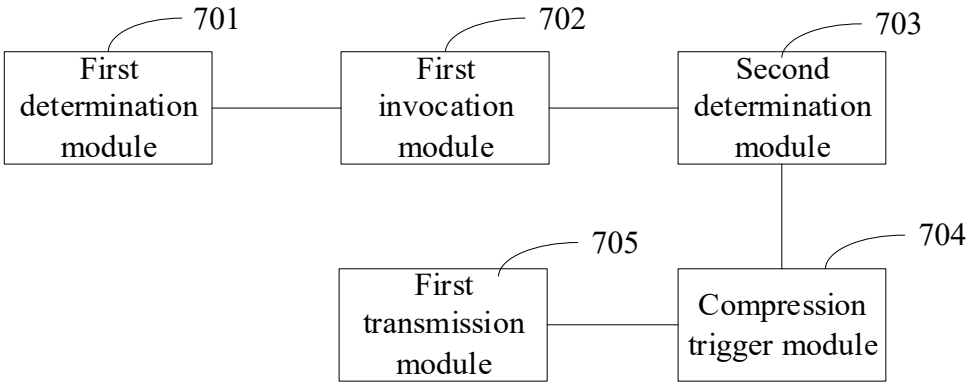


FIG. 7

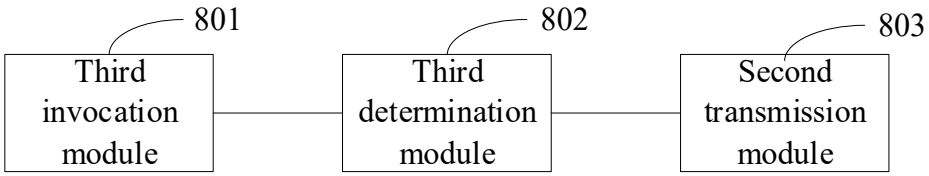


FIG. 8

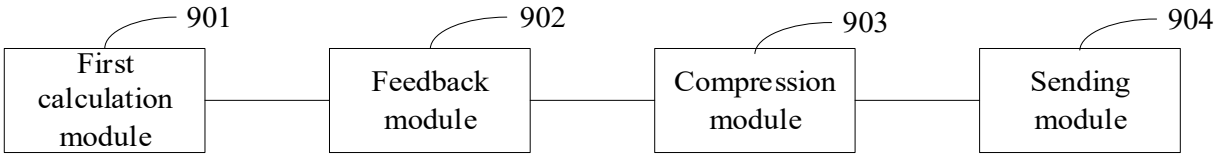


FIG. 9

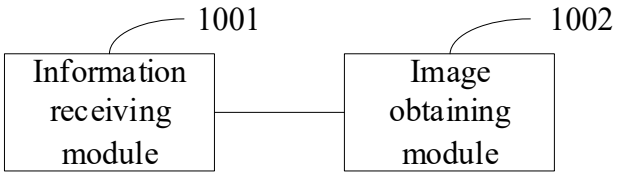


FIG. 10

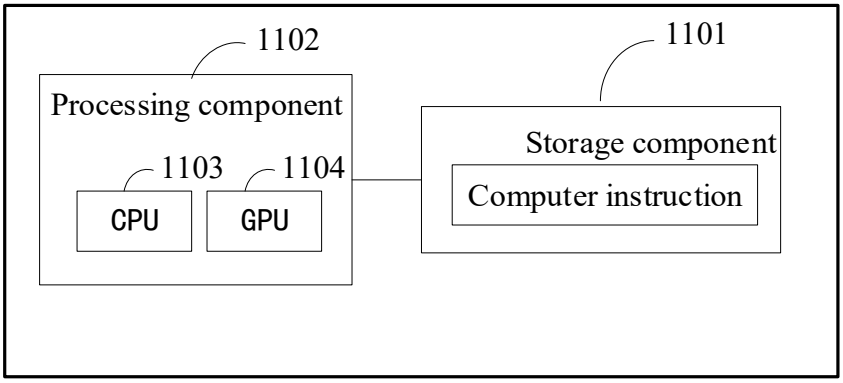

1102
Processing component
1103
1104
CPU
GPU
1101
Storage component
Computer instruction

FIG. 11

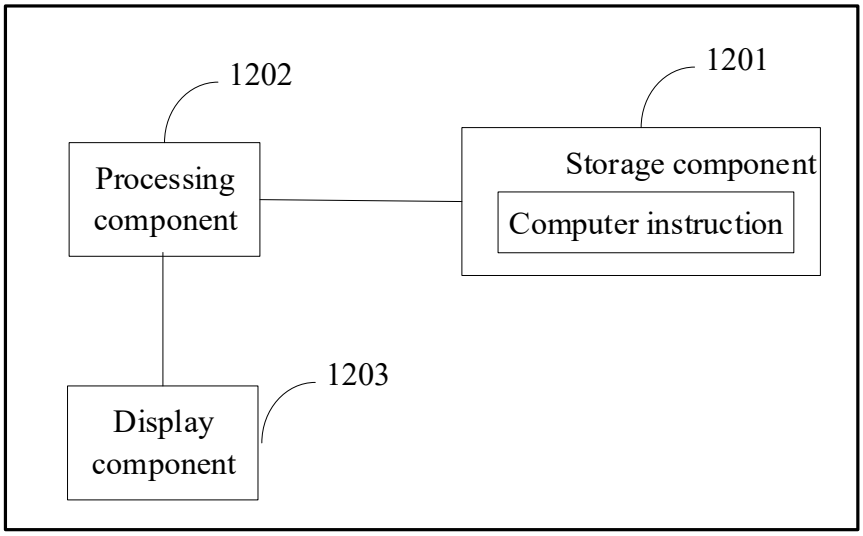

1202
Processing component
1201
Storage component
Computer instruction
1203
Display component

FIG. 12