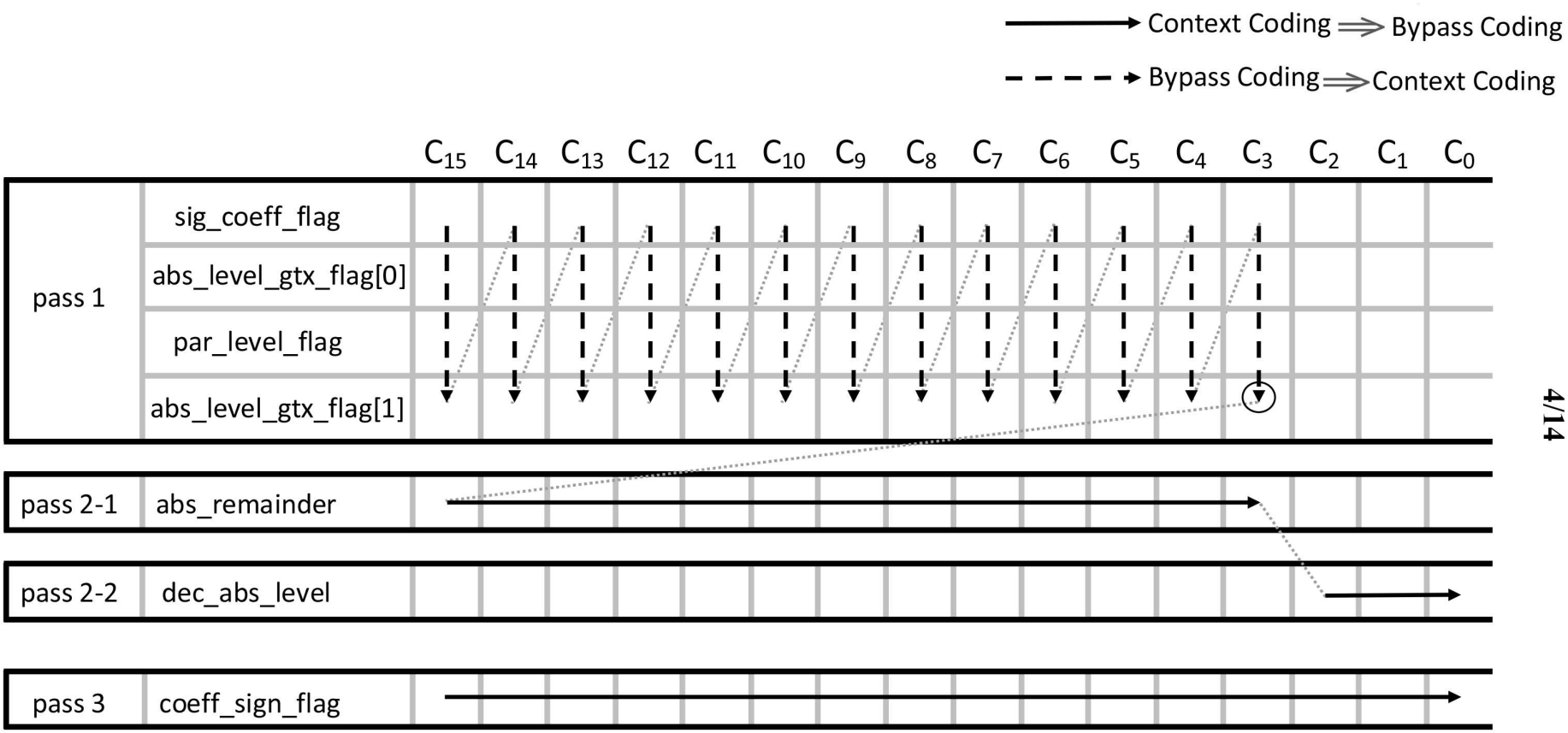
Context Coding
Bypass Coding
Bypass Coding
Context Coding
C15 C14 C13 C12 C11 C10 C9 C8 C7 C6 C5 C4 C3 C2 C1 C0
pass 1
sig_coeff_flag
abs_level_gtx_flag[0]
par_level_flag
abs_level_gtx_flag[1]
pass 2-1
abs_remainder
pass 2-2
dec_abs_level
pass 3
coeff_sign_flag

FIG. 4

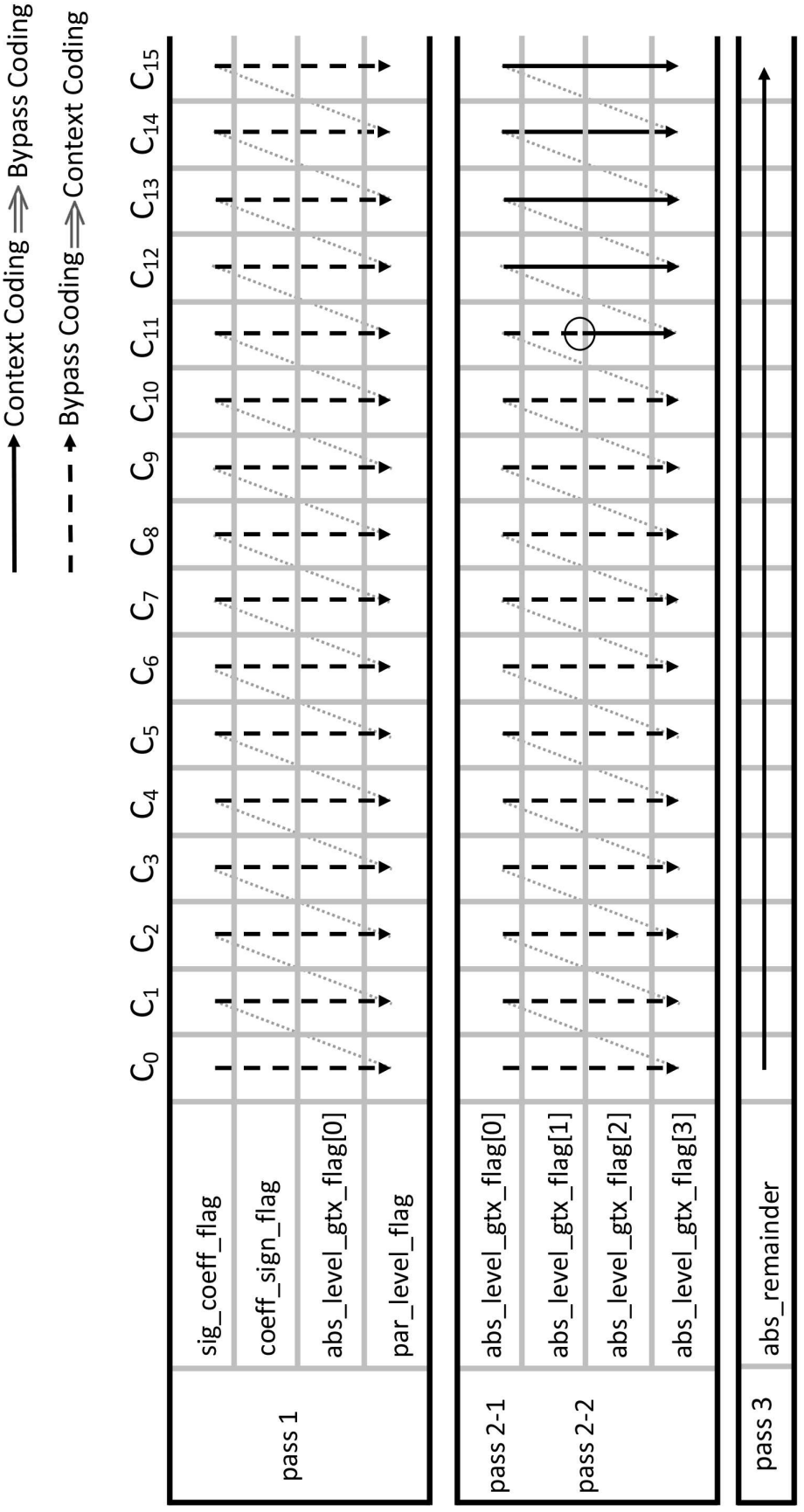
Context Coding
Bypass Coding
Bypass Coding
Context Coding
C0 C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15
pass 1
sig_coeff_flag
coeff_sign_flag
abs_level_gtx_flag[0]
par_level_flag
pass 2-1
pass 2-2
abs_level_gtx_flag[0]
abs_level_gtx_flag[1]
abs_level_gtx_flag[2]
abs_level_gtx_flag[3]
pass 3
abs_remainder

FIG. 5

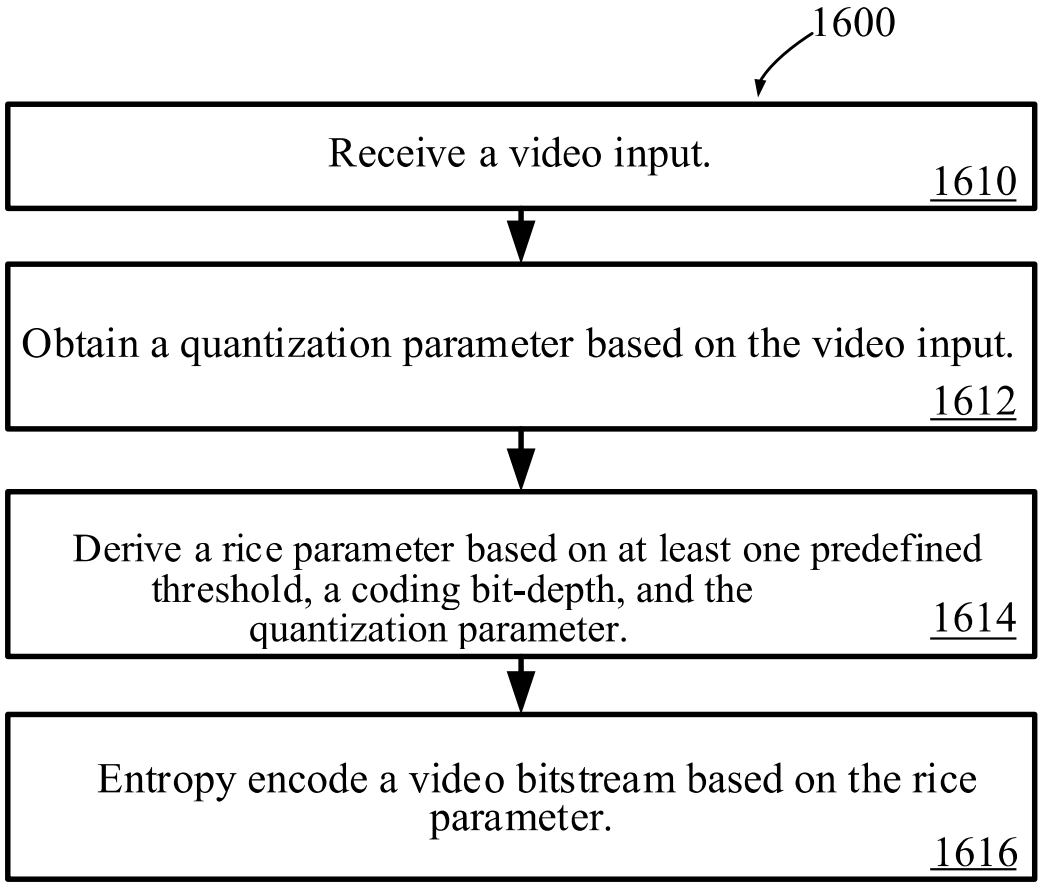
1600
Receive a video input.
1610
Obtain a quantization parameter based on the video input.
1612
Derive a rice parameter based on at least one predefined threshold, a coding bit-depth, and the quantization parameter.
1614
Entropy encode a video bitstream based on the rice parameter.
1616

FIG. 6