

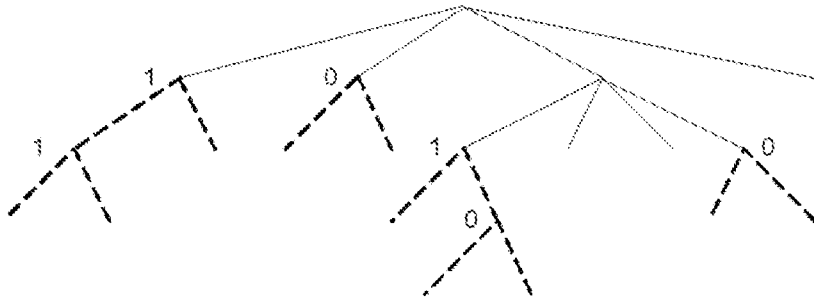
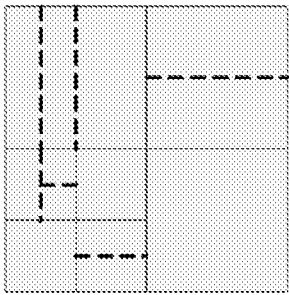
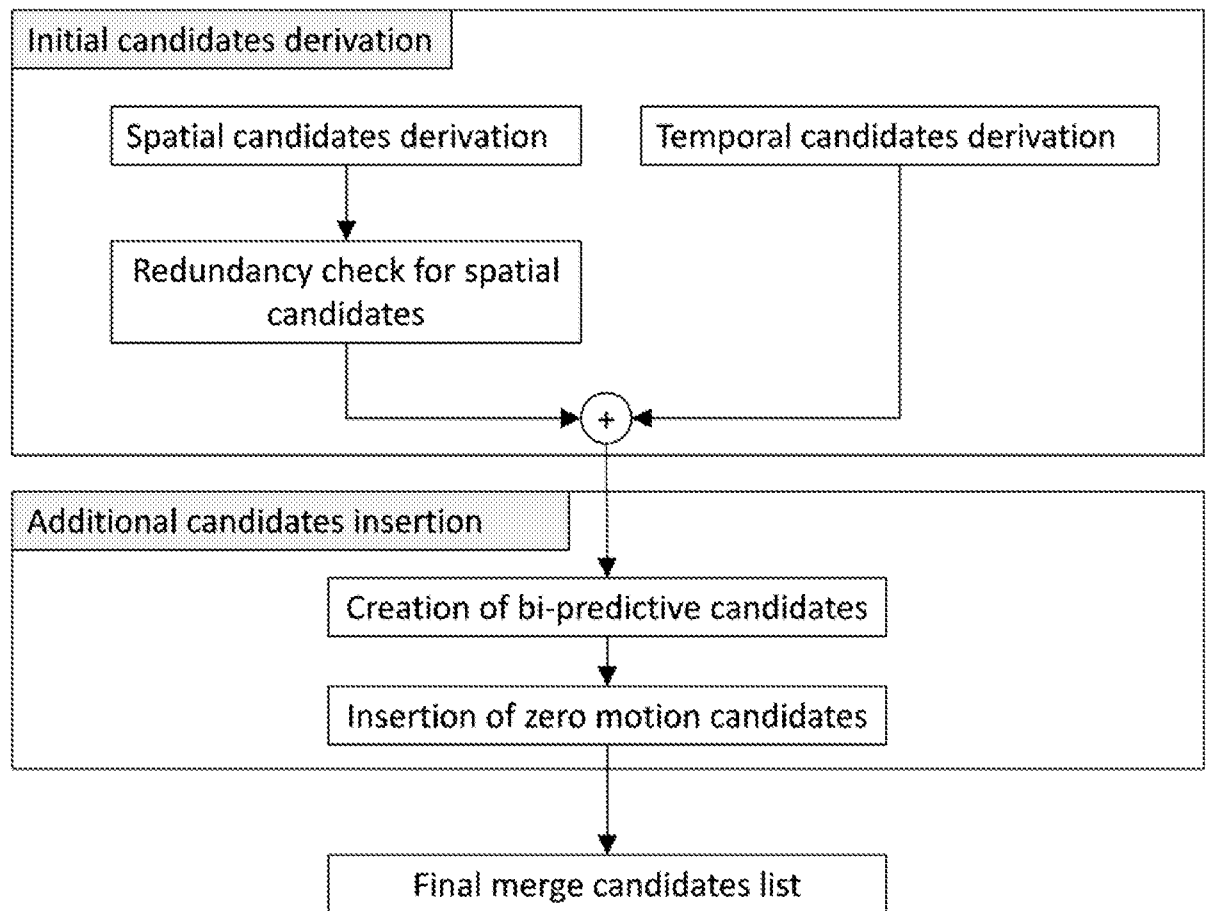


Illustration of a QTBT structure

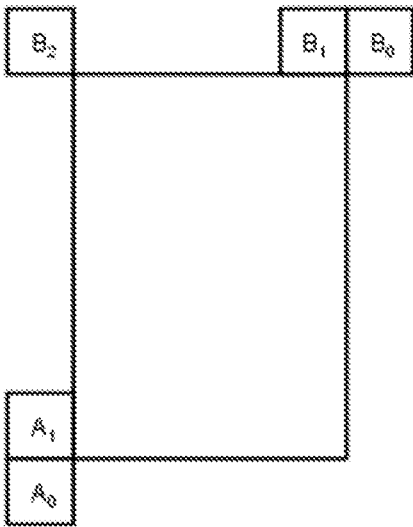
FIG. 1

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Derivation process for merge candidates list construction.

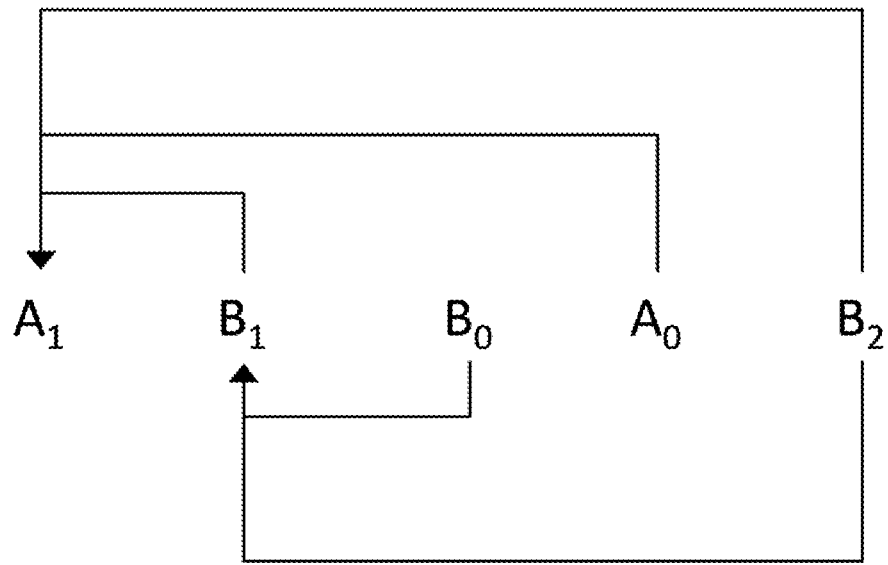
FIG. 2



Positions of spatial merge candidates

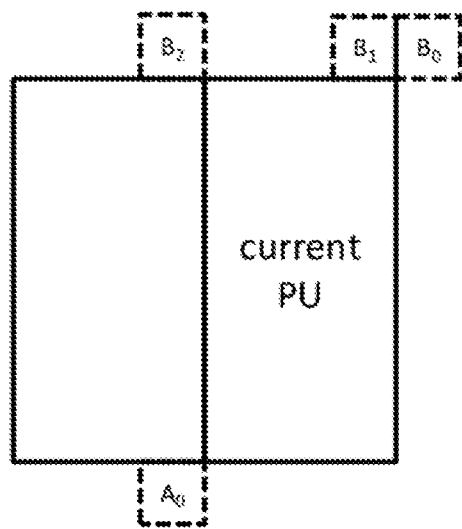
FIG. 3

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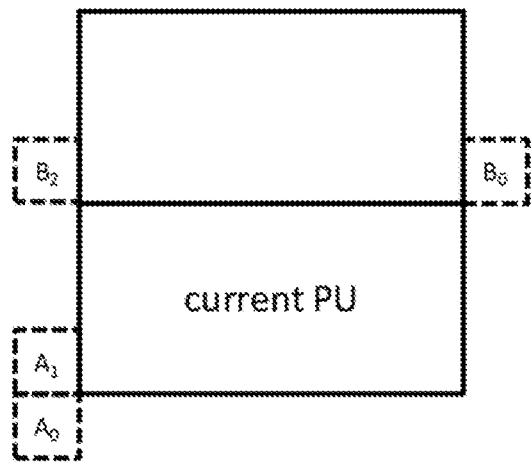
Candidate pairs considered for redundancy check of spatial merge candidates

FIG. 4



second PU of $N \times 2N$

FIG. 5A



second PU of $2N \times N$

FIG. 5B

Positions for the second PU of $N \times 2N$ and $2N \times N$ partitions

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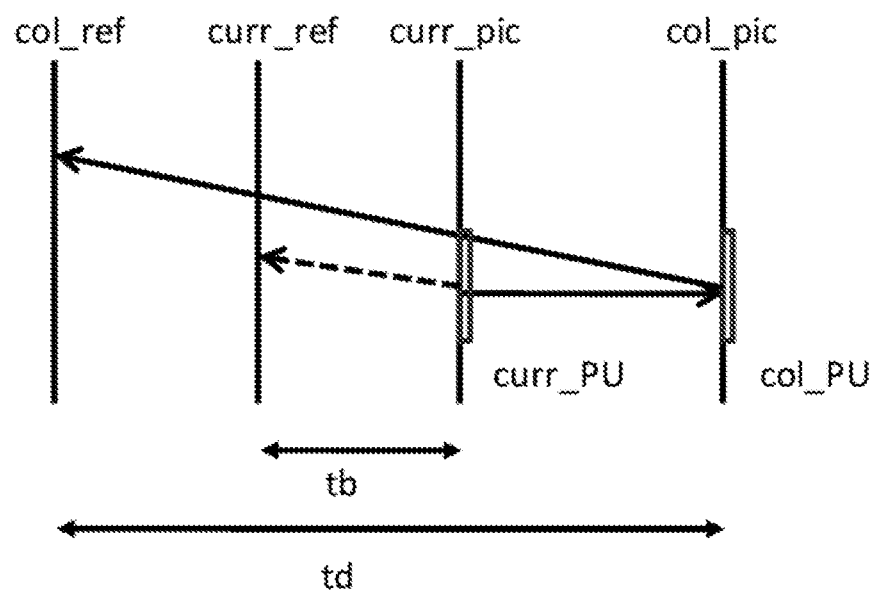
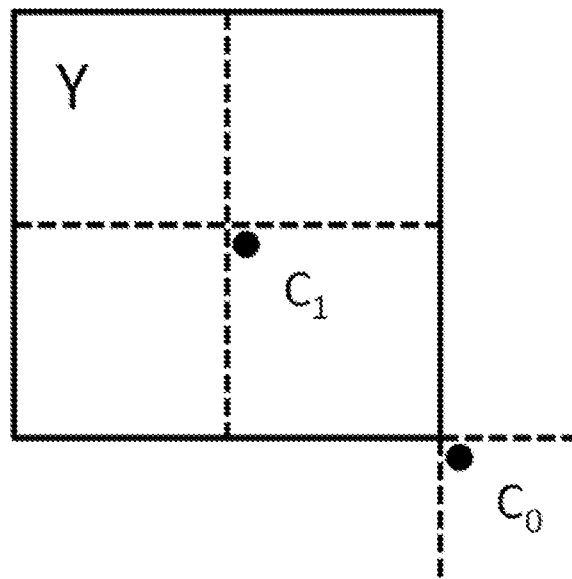


Illustration of motion vector scaling for temporal merge candidate

FIG. 6

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Candidate positions for temporal merge candidate, C0 and C1

FIG. 7

Original Merge candidate list

Merge_idx	L0	L1
0	mvL0_A, ref0	-
1	-	mvL1_B, ref0
2		
3		
4		

Merge candidate list after adding combined candidates

Merge_idx	L0	L1
0	mvL0_A, ref0	
1		mvL1_B, ref0
2	mvL0_A, ref0	mvL1_B, ref0
3		
4		



combine

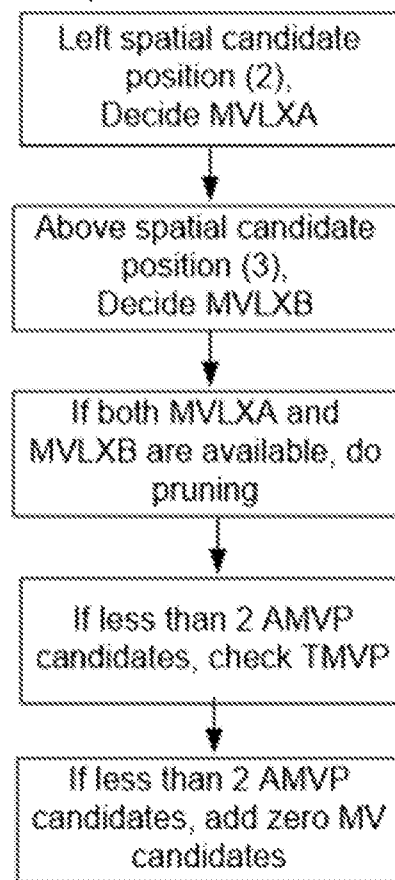
combine

Example of combined bi-predictive merge candidate

FIG. 8

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For each reference picture list with refidx as an input



Derivation process for motion vector prediction candidates

FIG. 9

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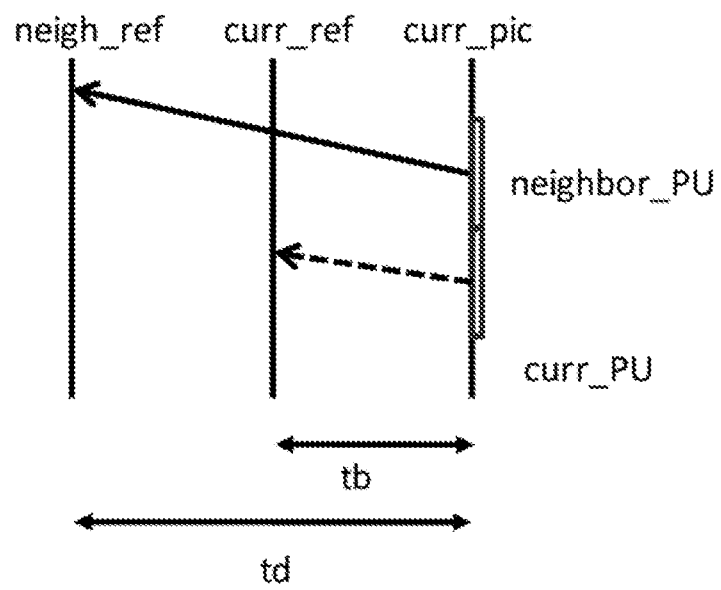
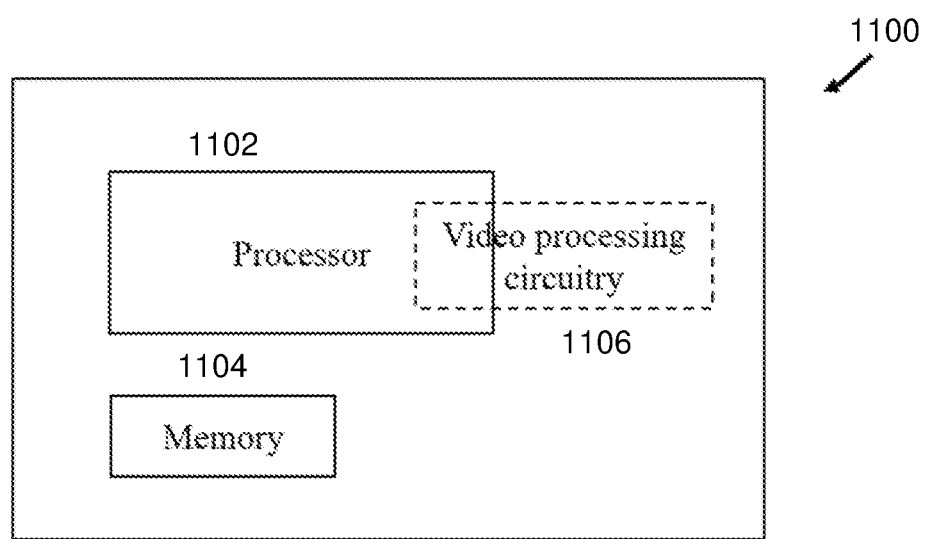


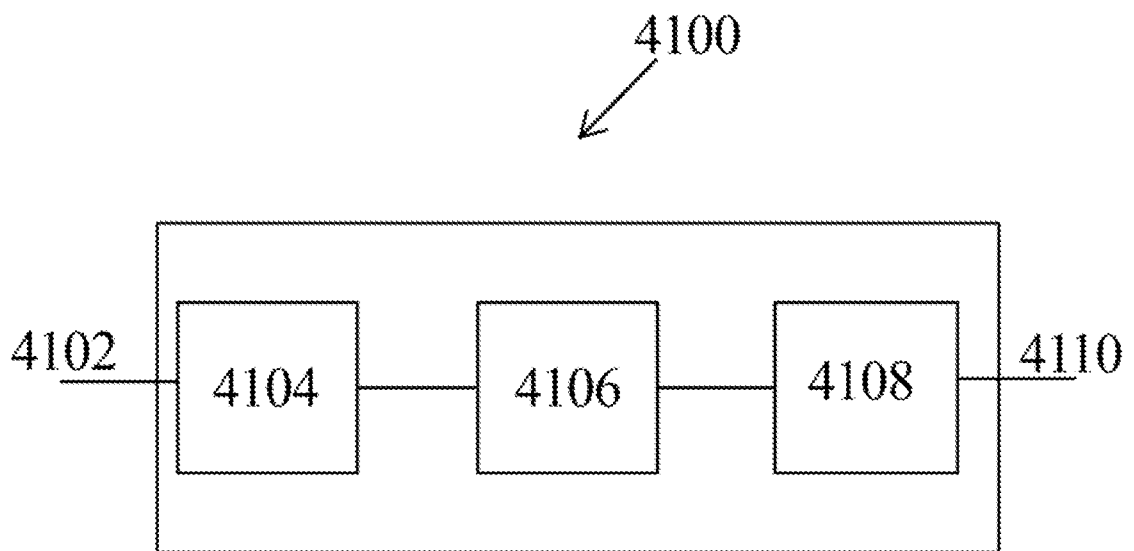
Illustration of motion vector scaling for spatial motion vector candidate

FIG. 10

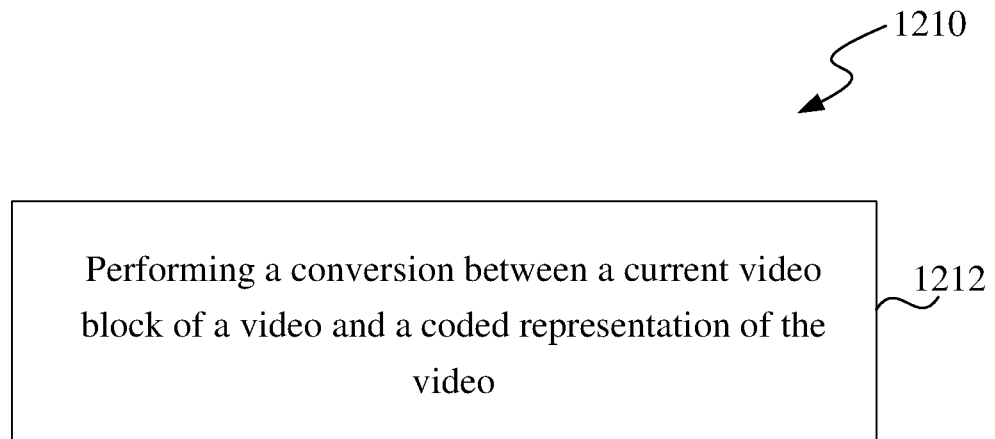
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**FIG. 11A**

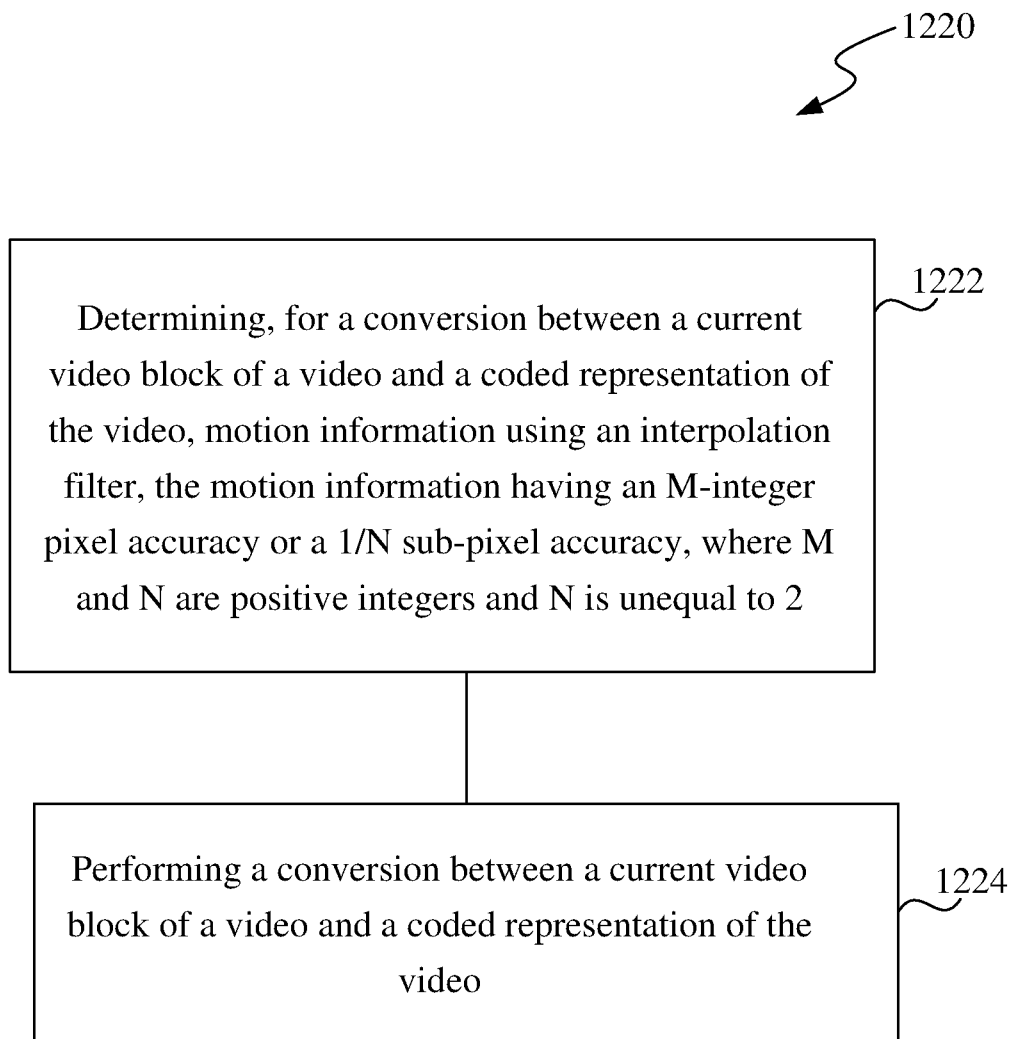
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***FIG. 11B***

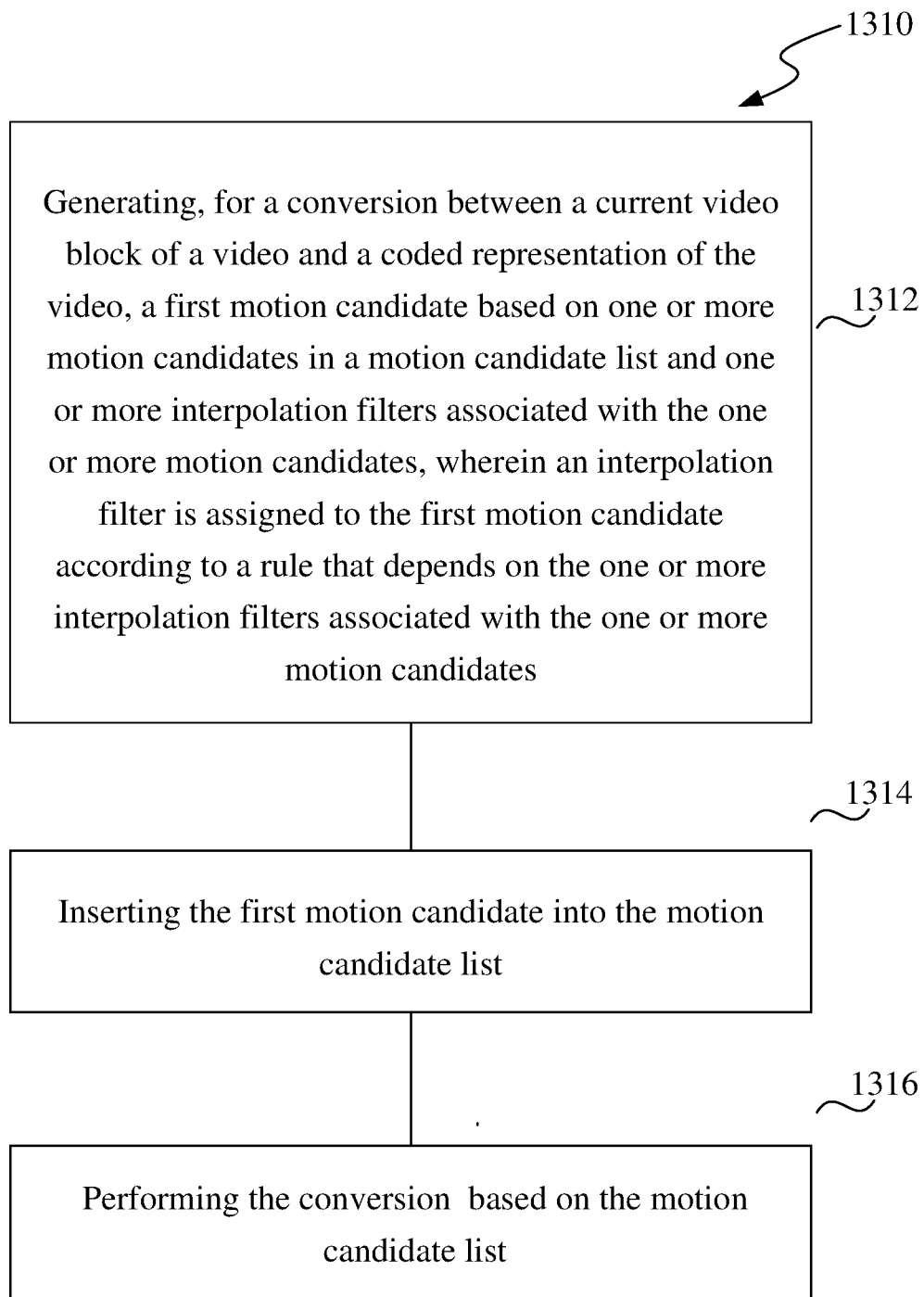
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***FIG. 12A***

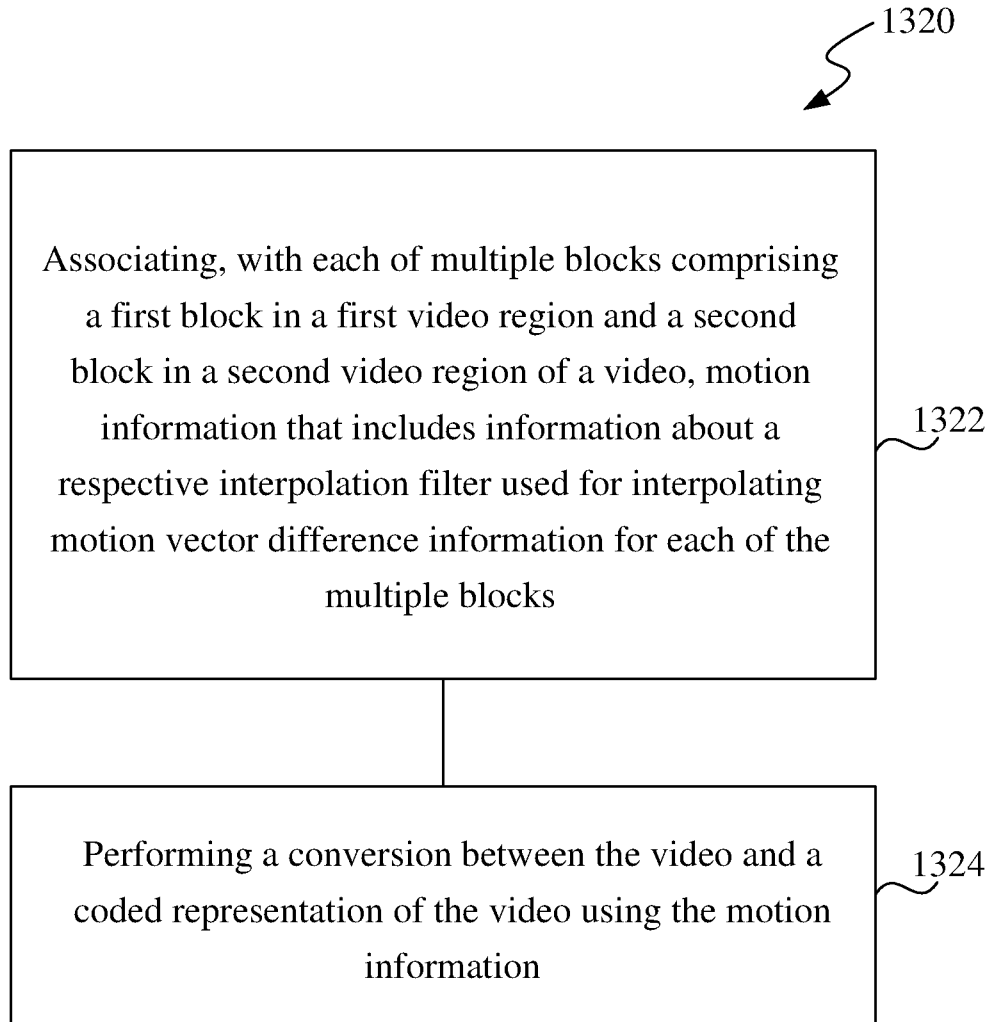
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**FIG. 12B**

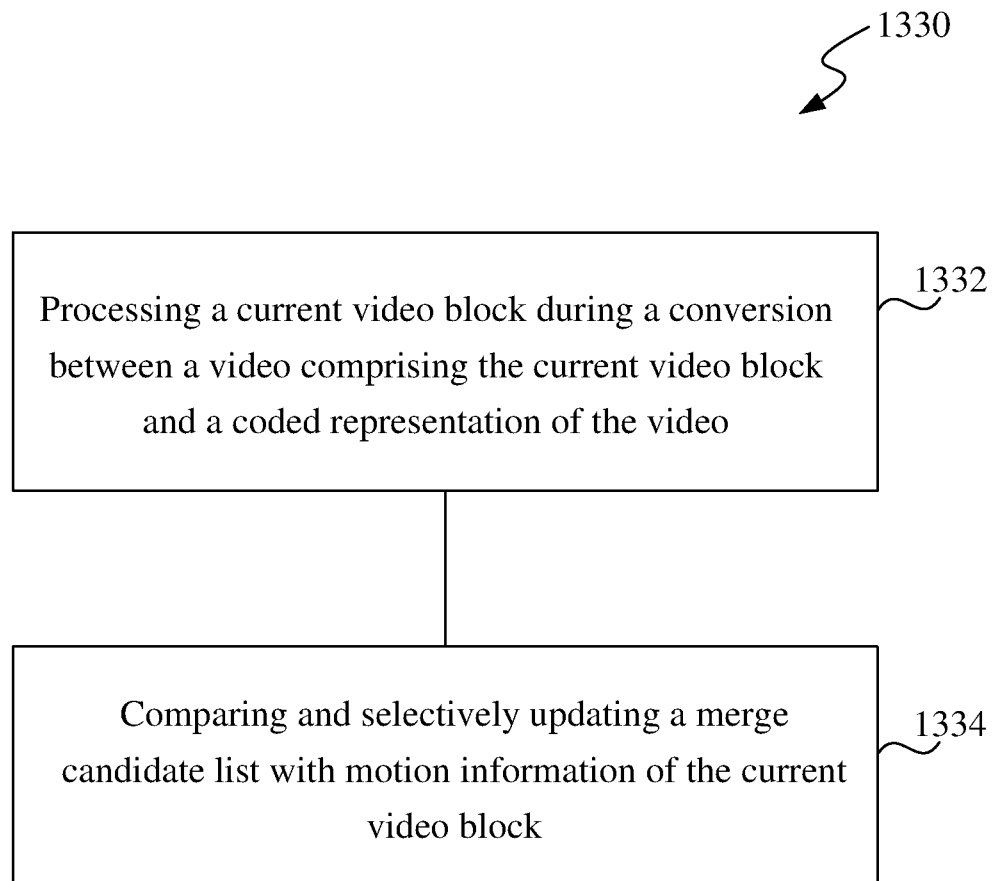
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**FIG. 13A**

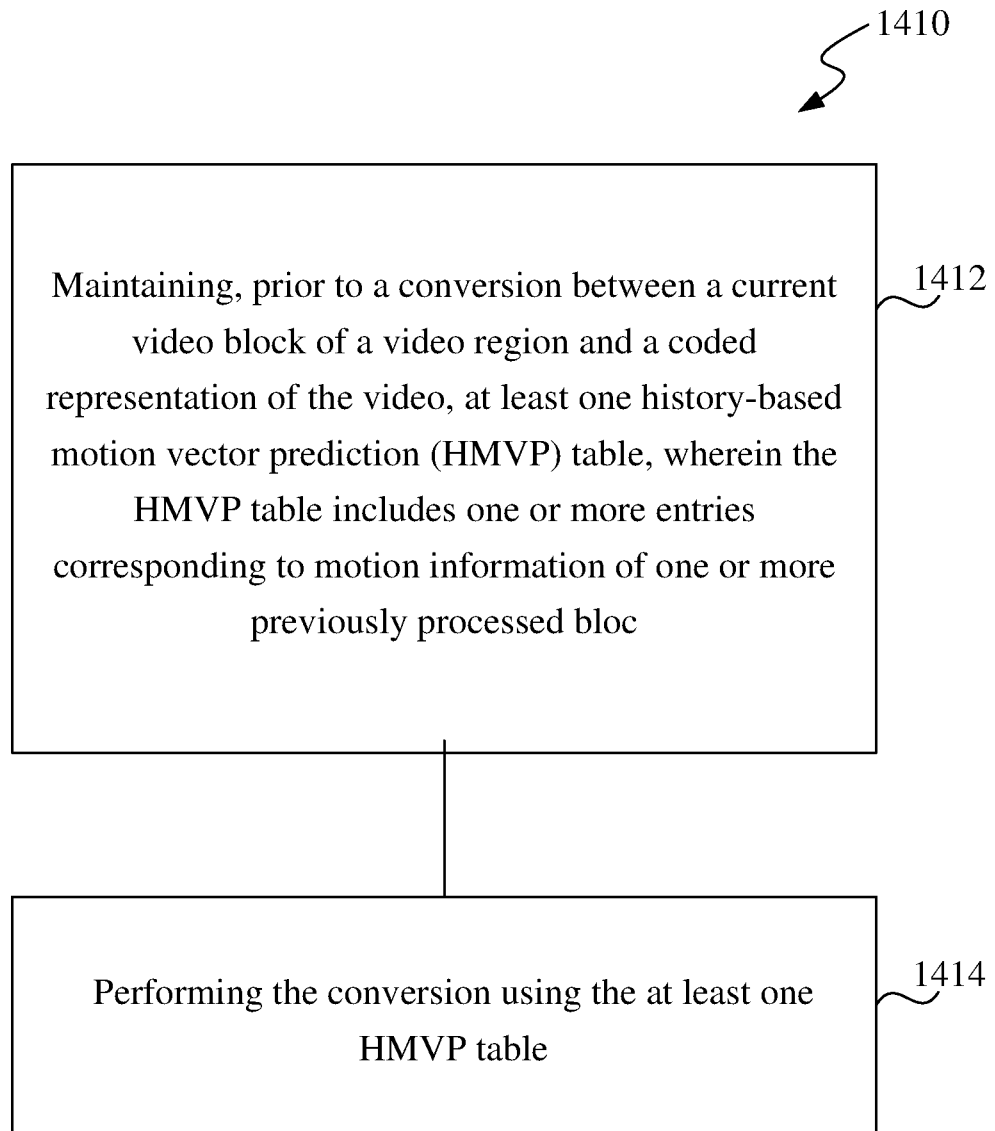
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**FIG. 13B**

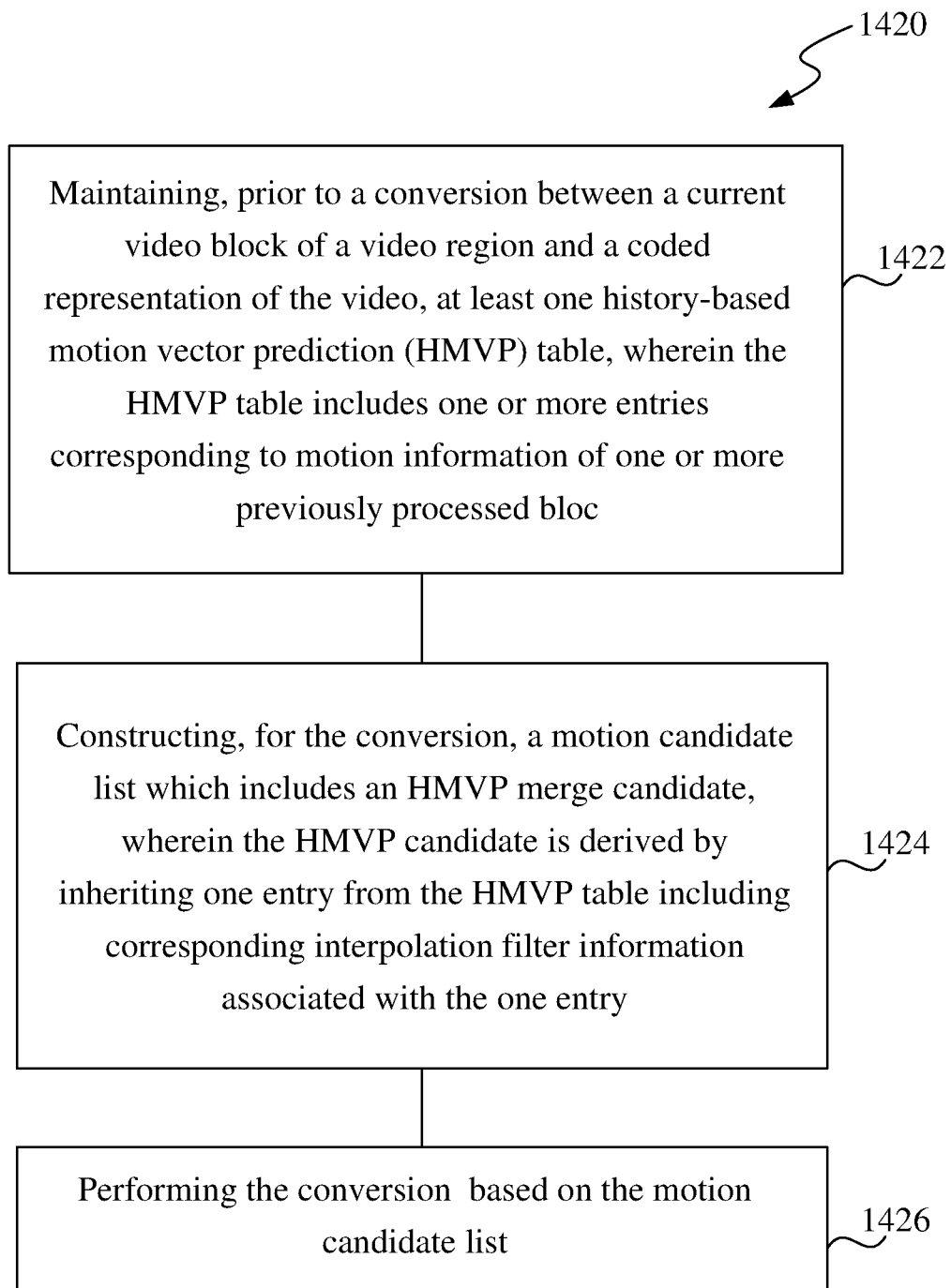
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**FIG. 13C**

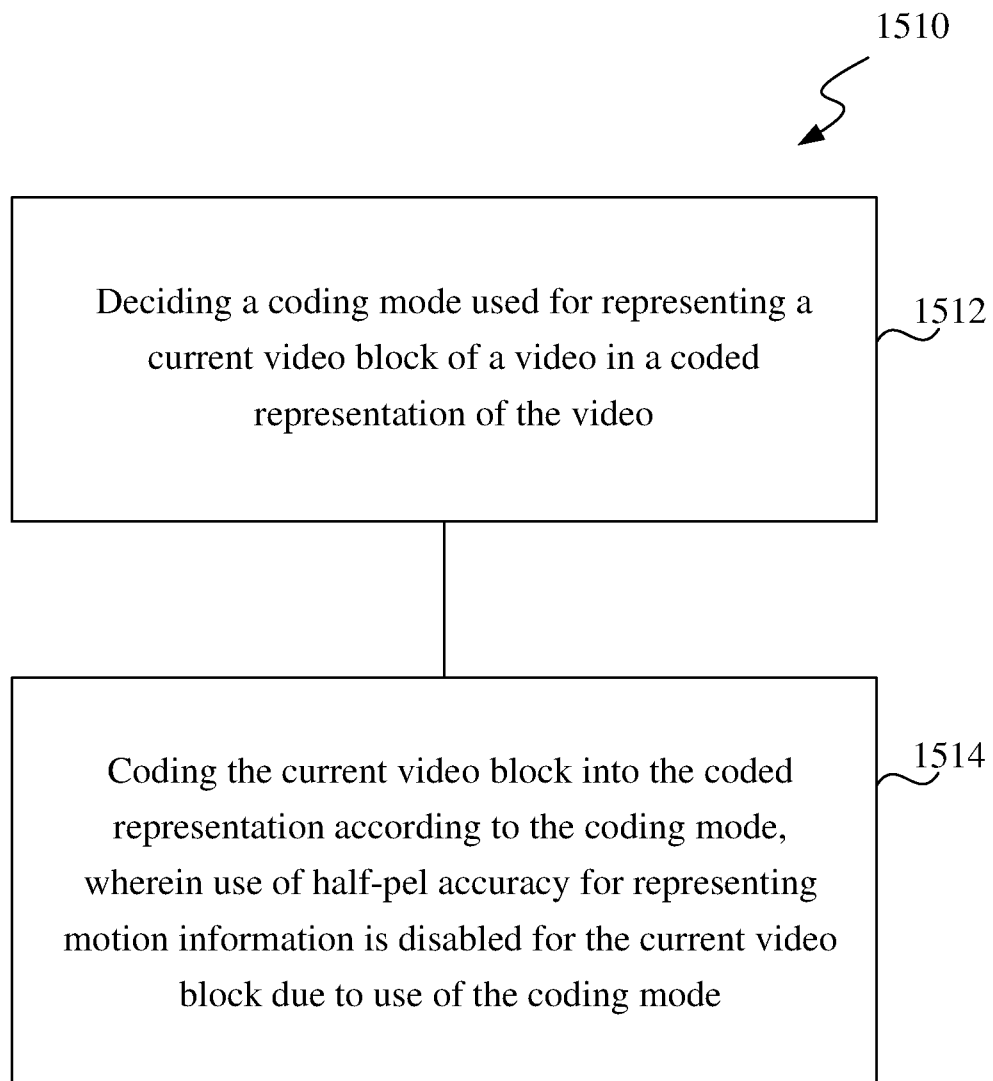
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**FIG. 14A**

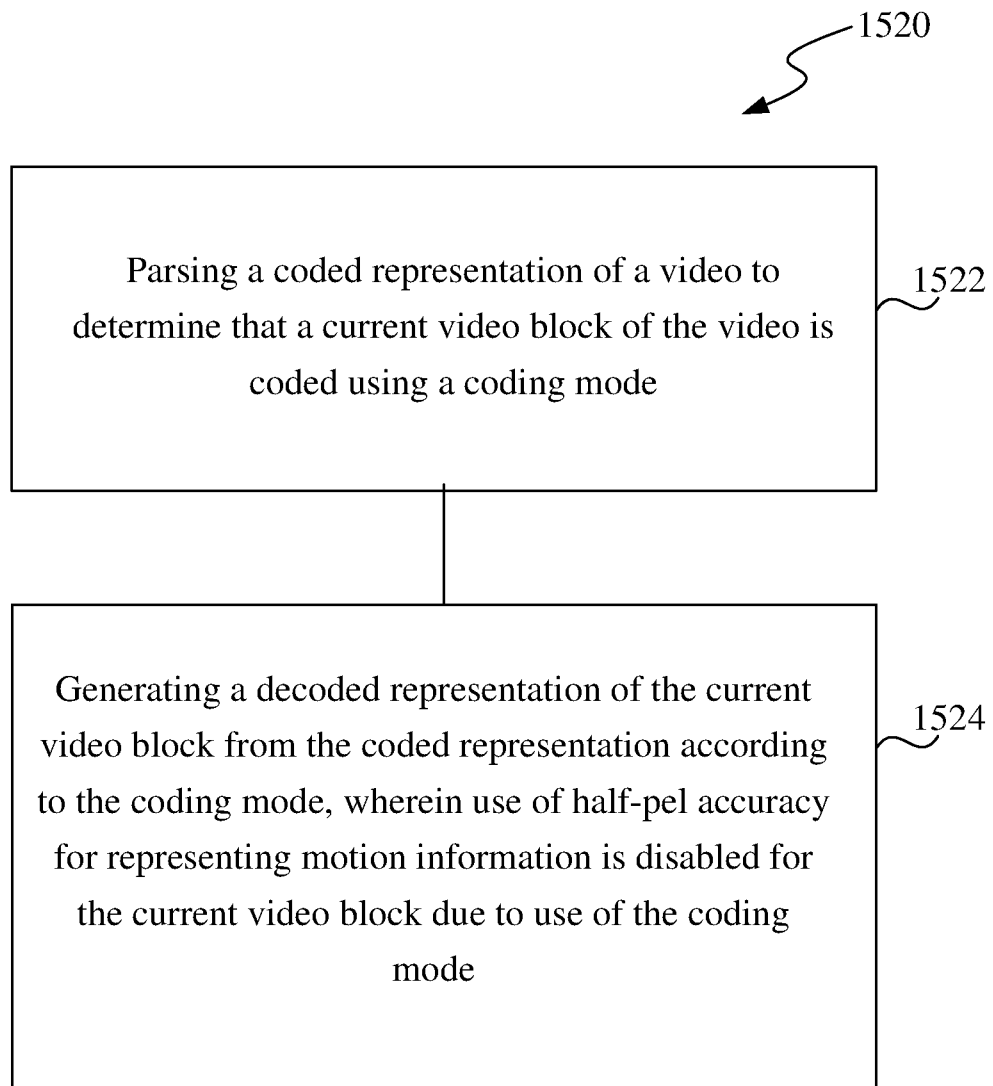
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**FIG. 14B**

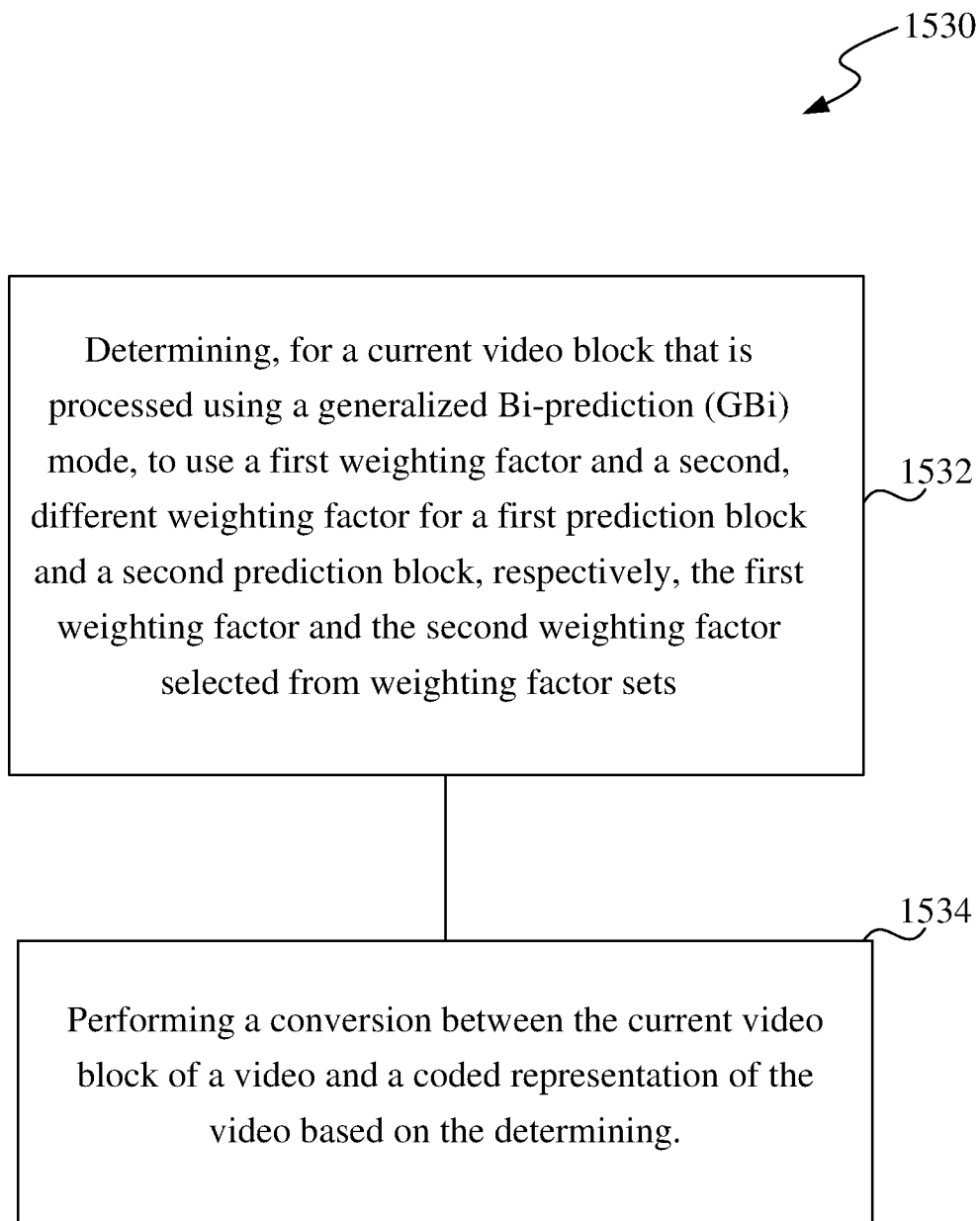
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**FIG. 15A**

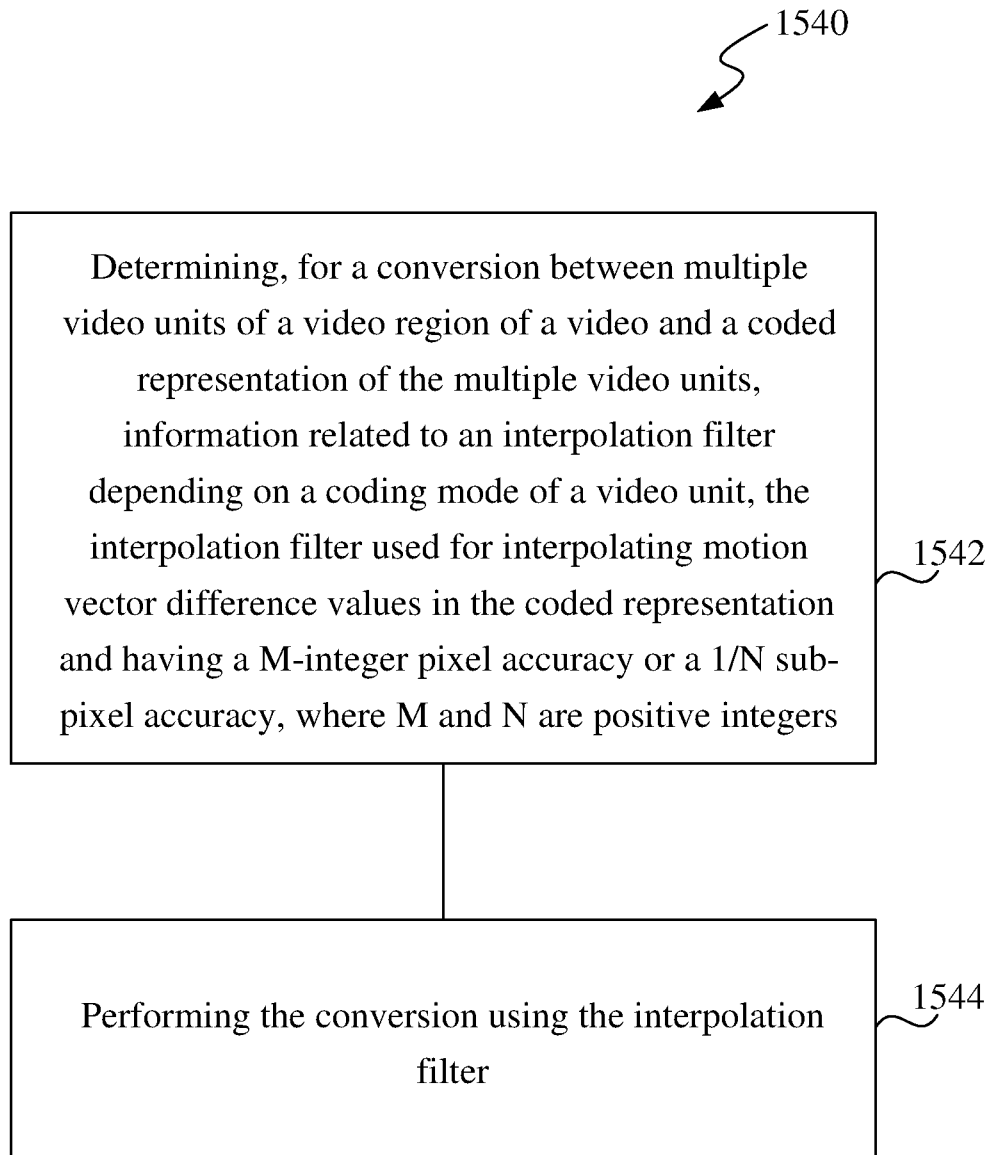
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**FIG. 15B**

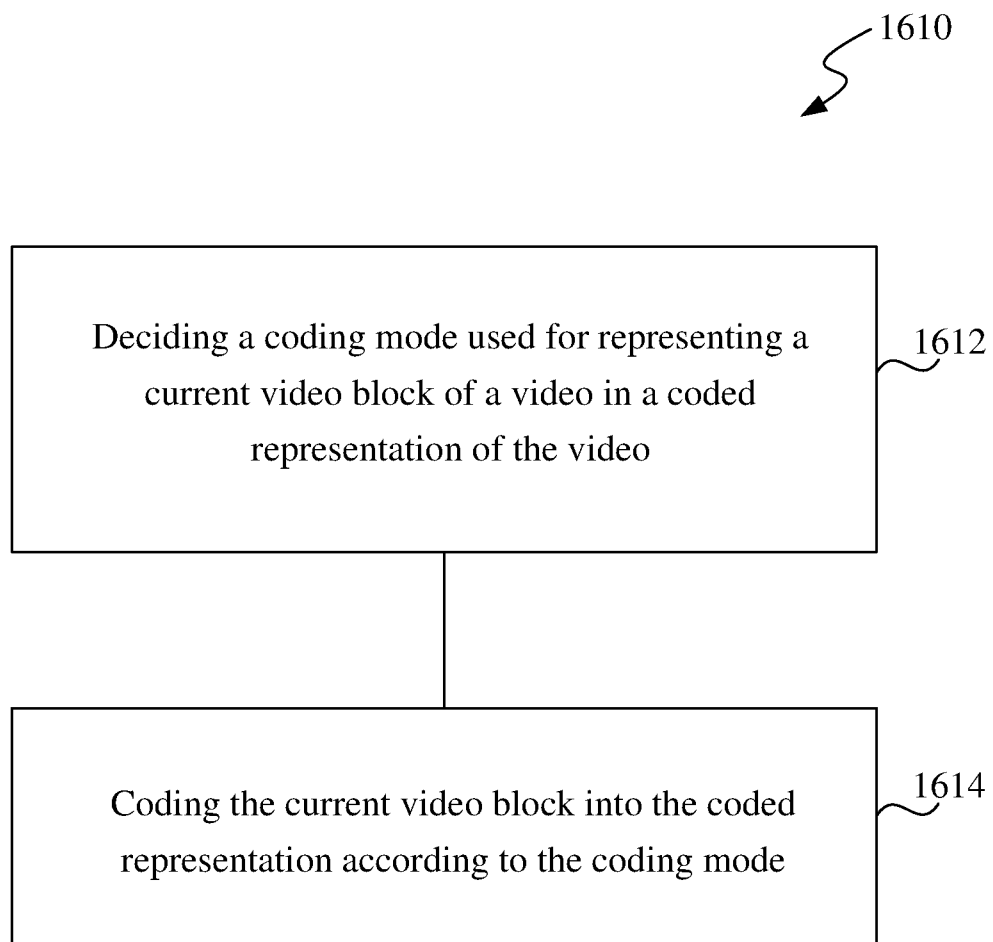
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**FIG. 15C**

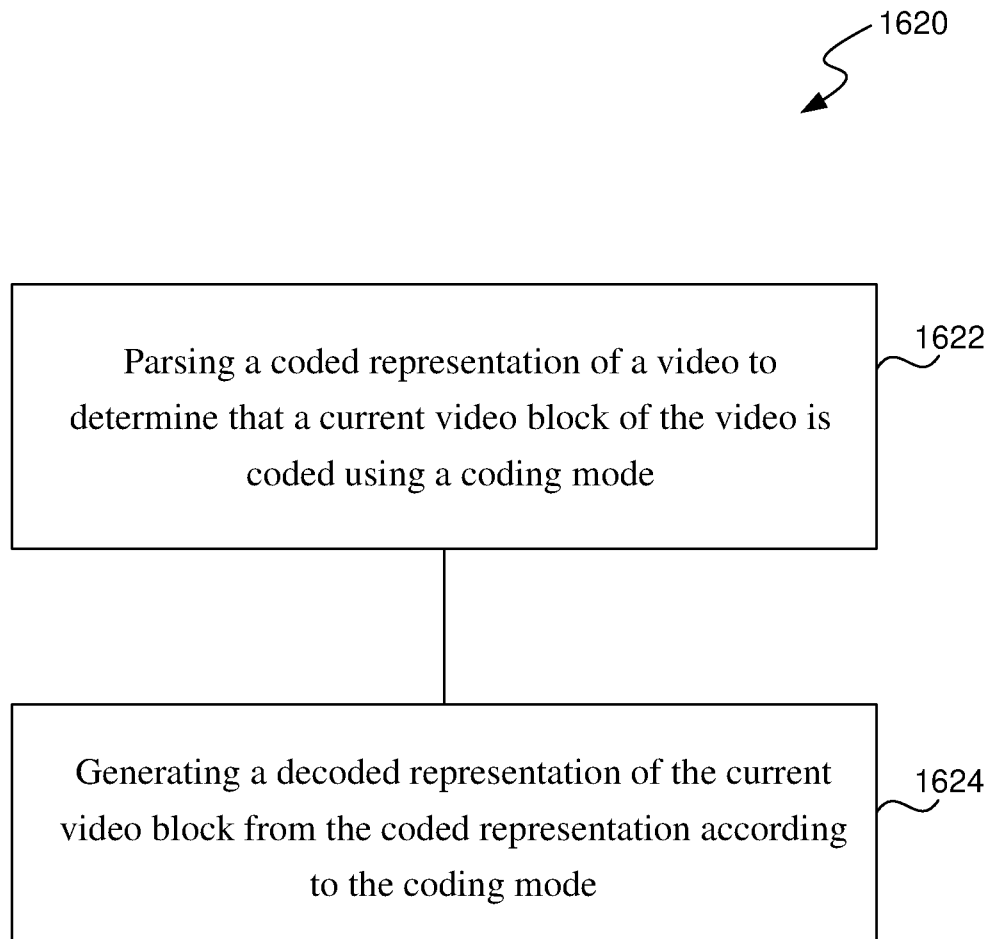
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**FIG. 15D**

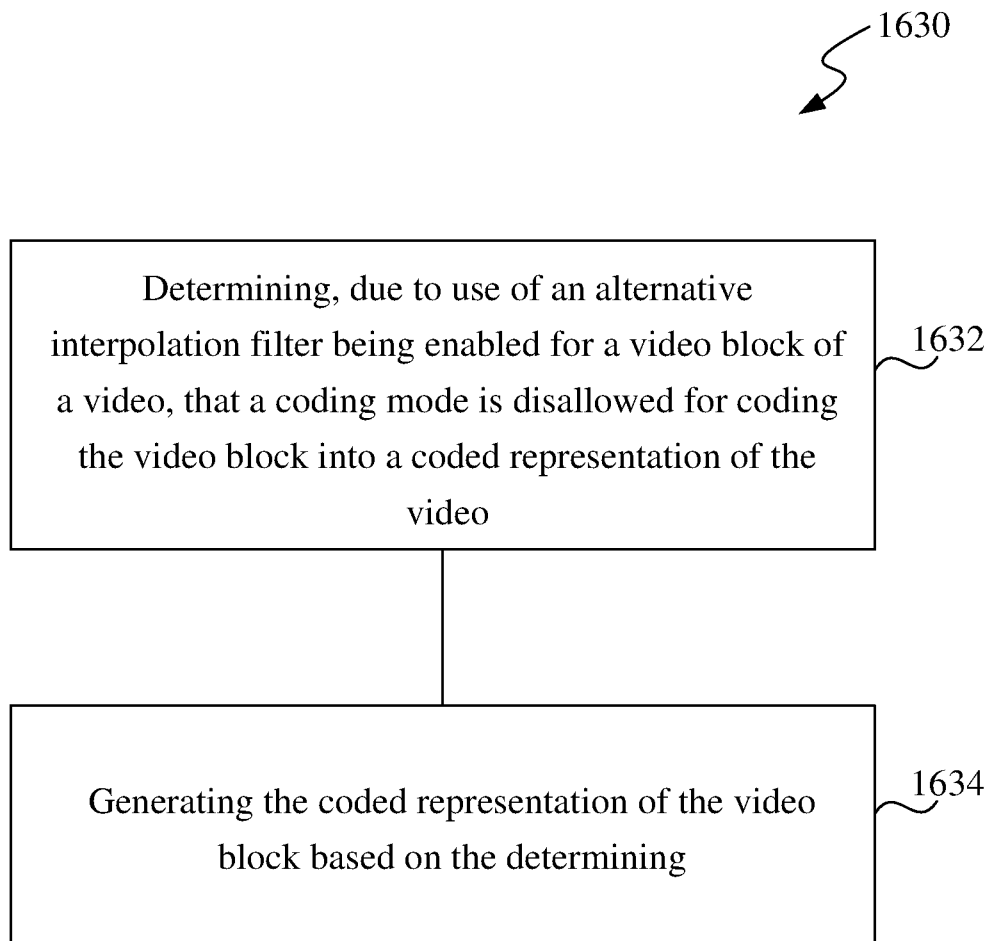
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**FIG. 16A**

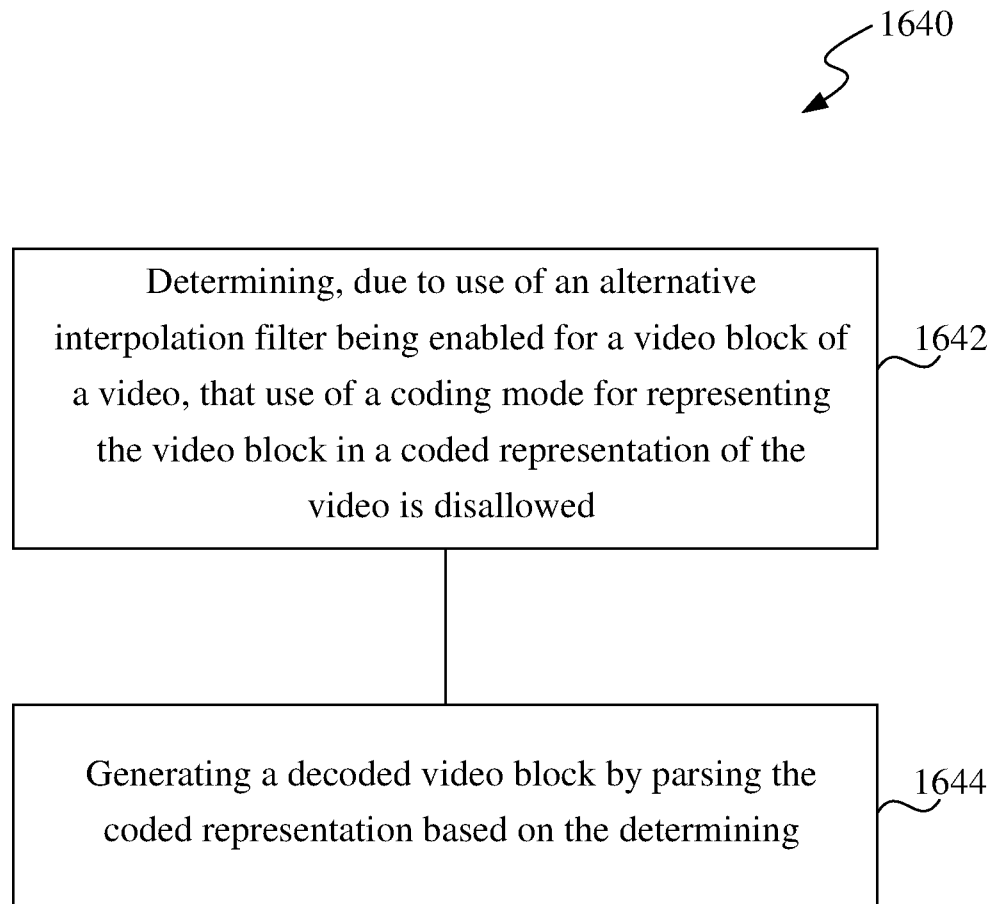
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**FIG. 16B**

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**FIG. 16C**

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**FIG. 16D**