

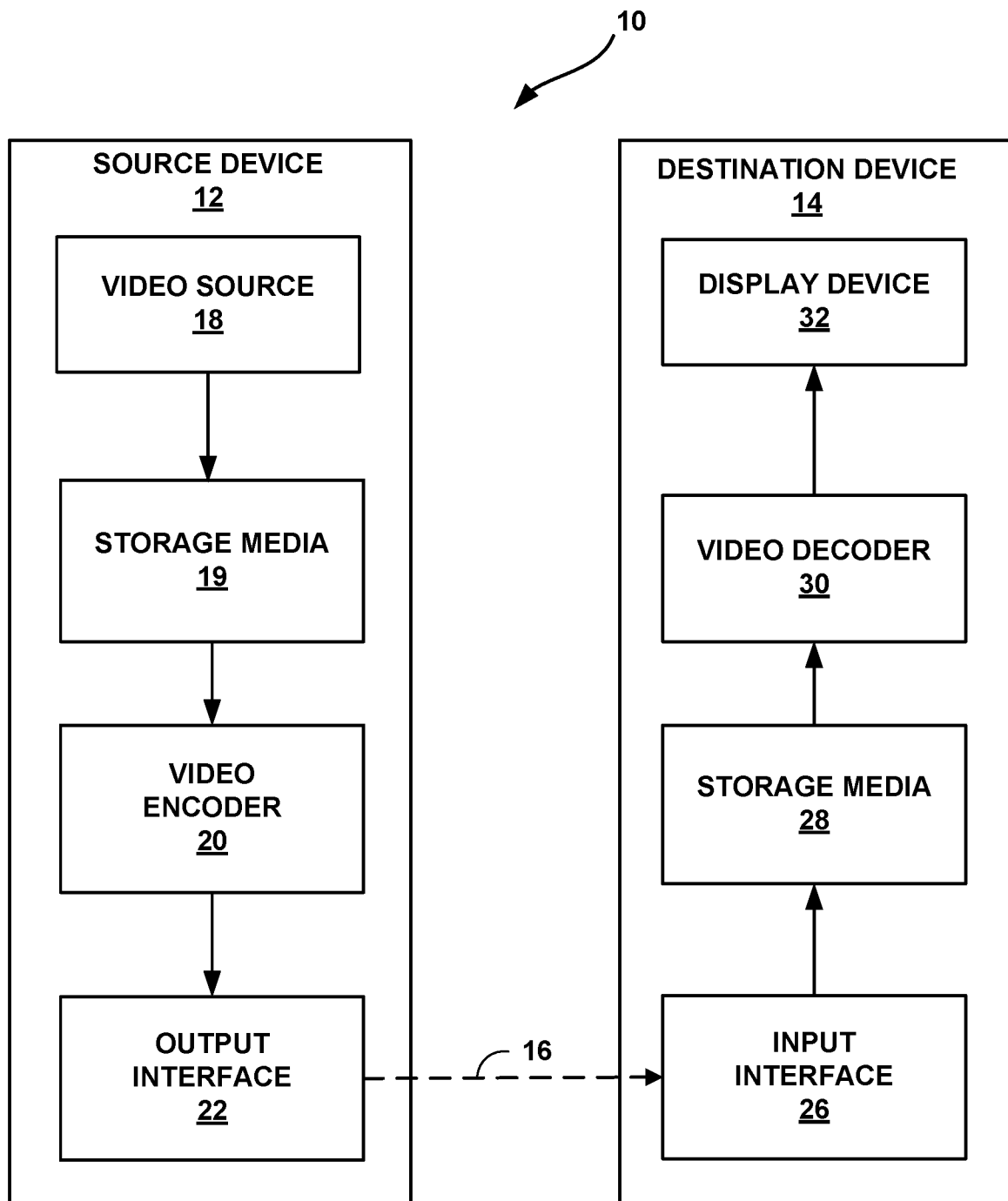


FIG. 1

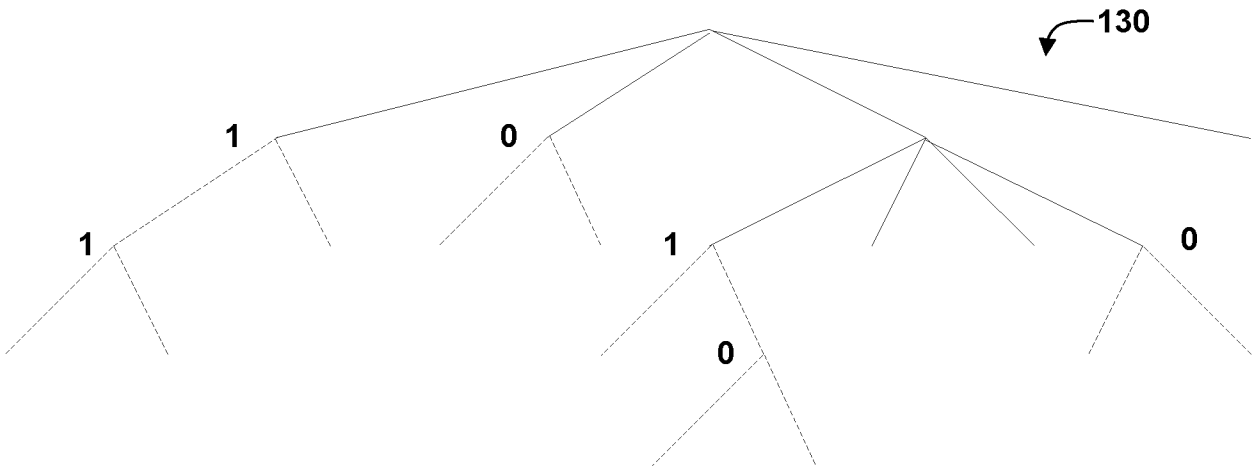


FIG. 2A

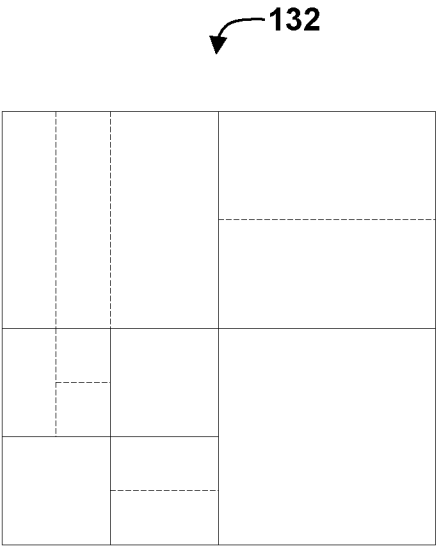


FIG. 2B

ALF FILTER SUPPORTS

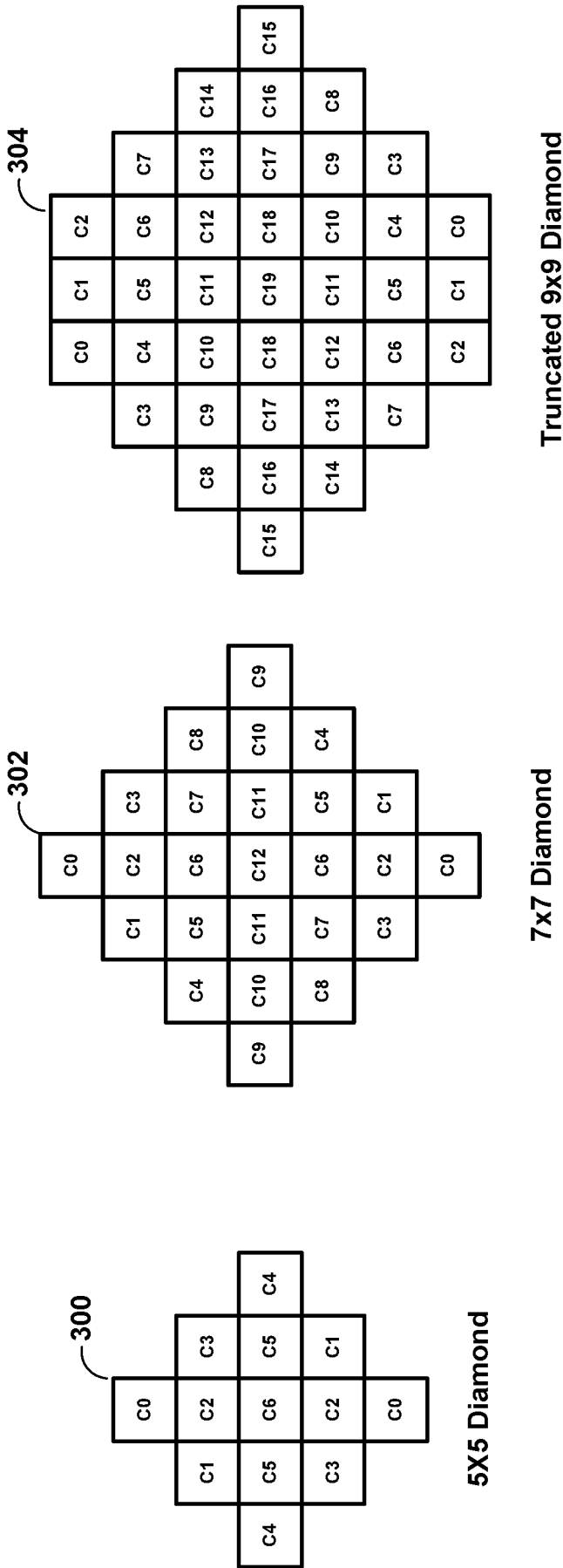
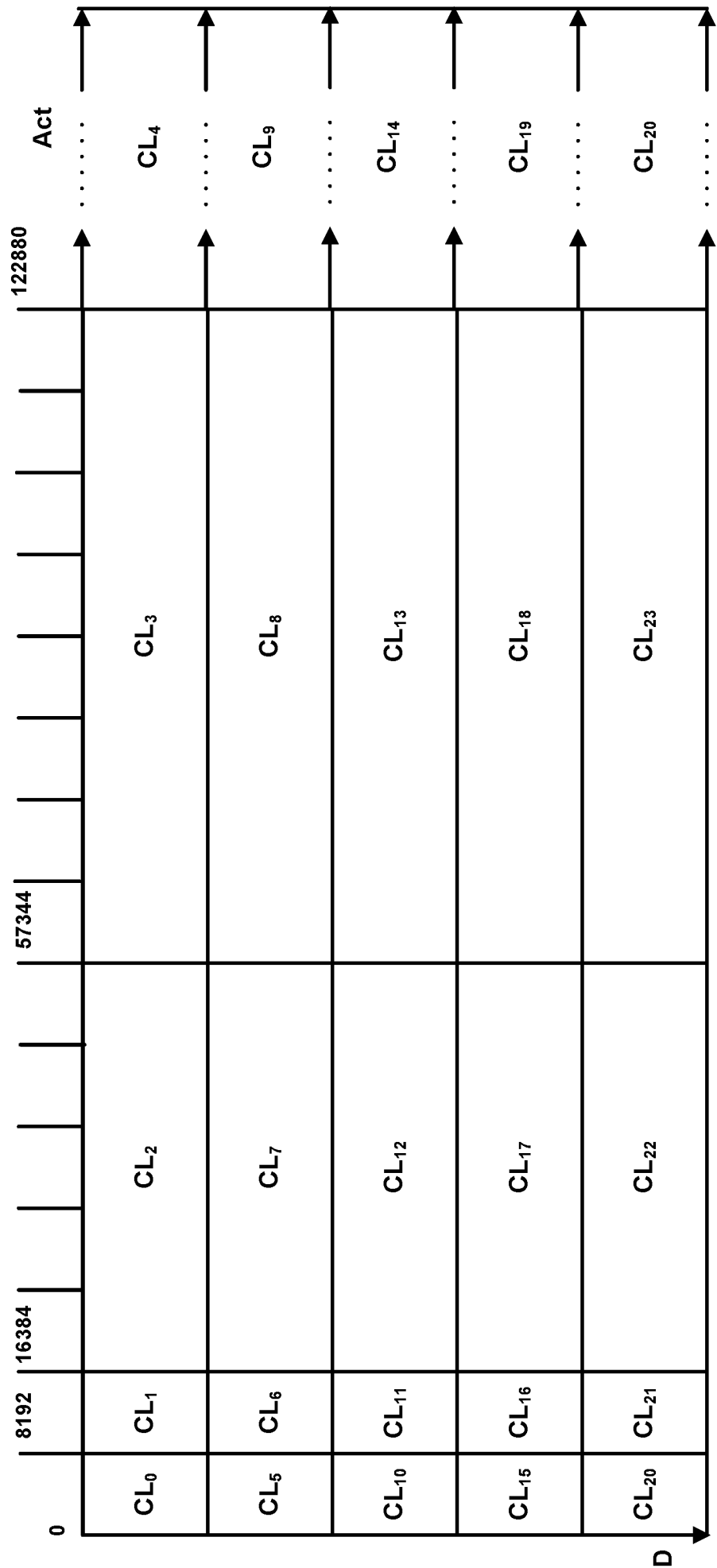


FIG. 3



Example of class index denoted by CL_i based on matrix results (activity value Act and directionality D)

FIG. 4

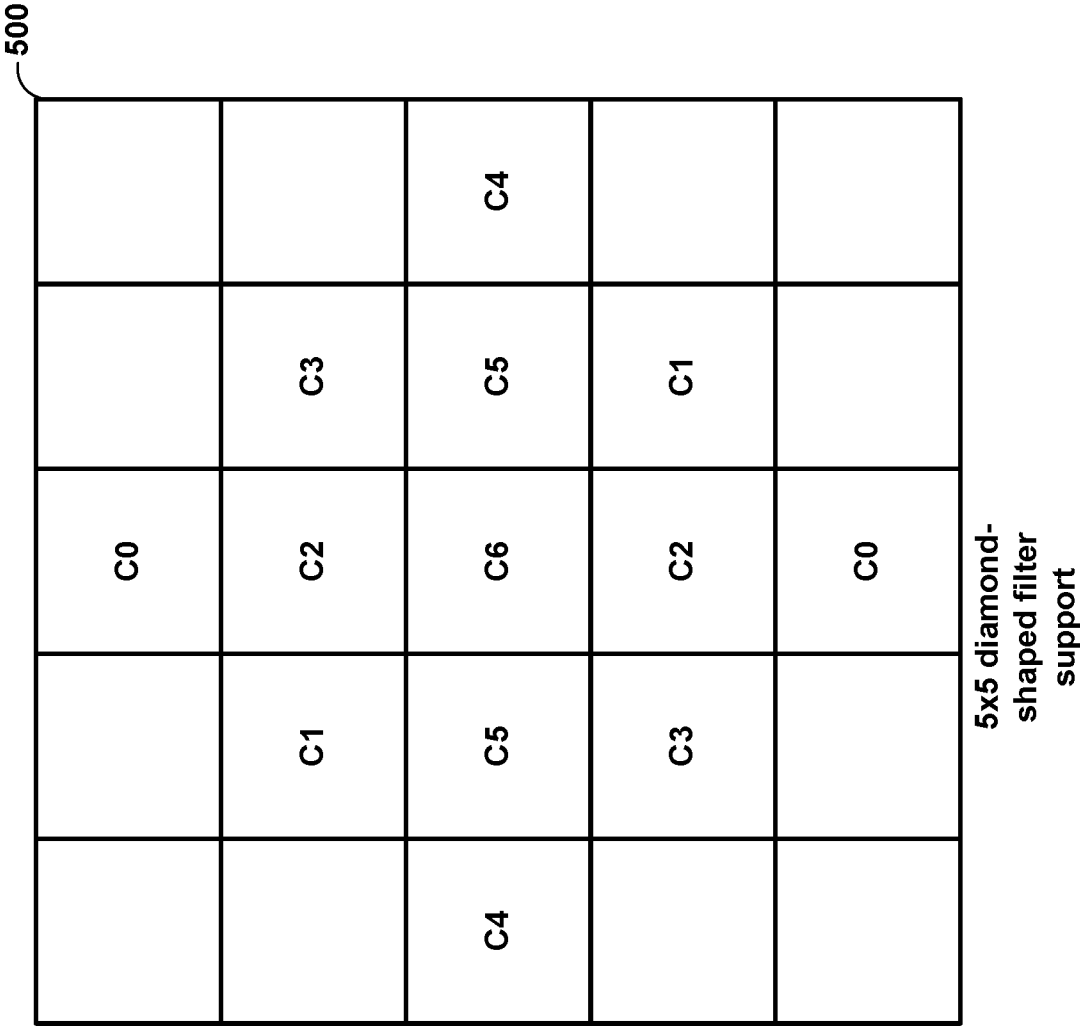


FIG. 5

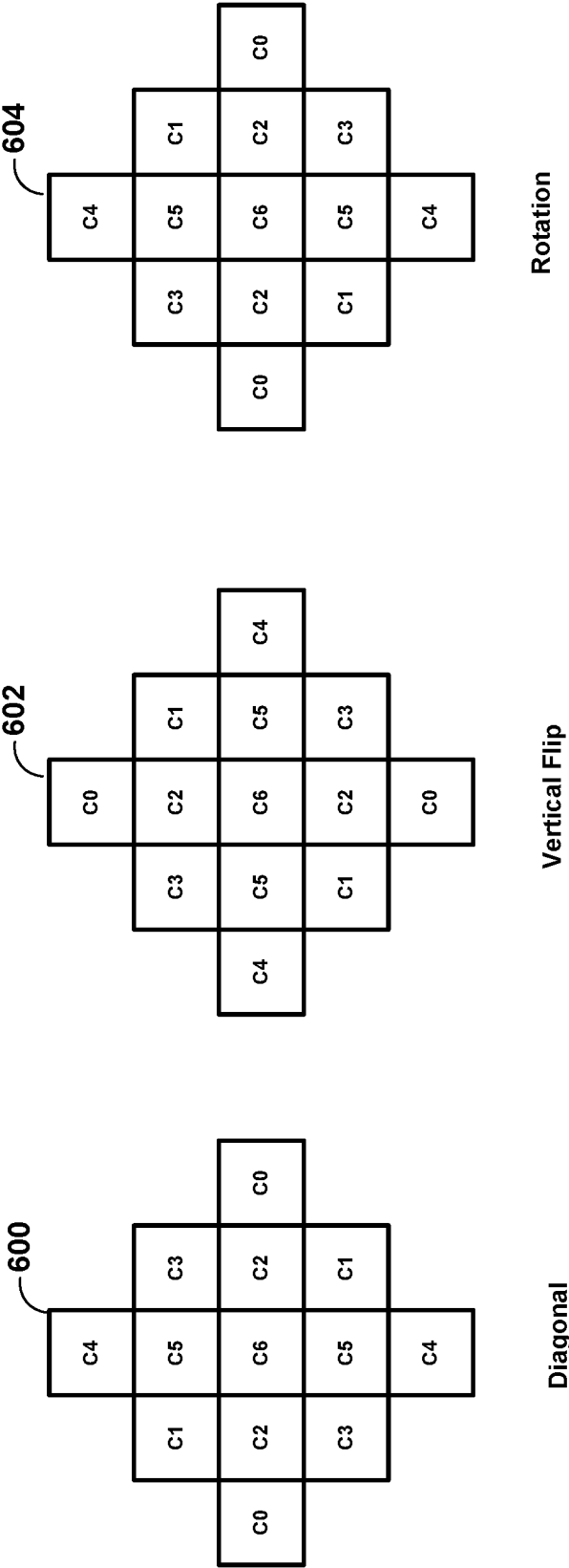


FIG. 6

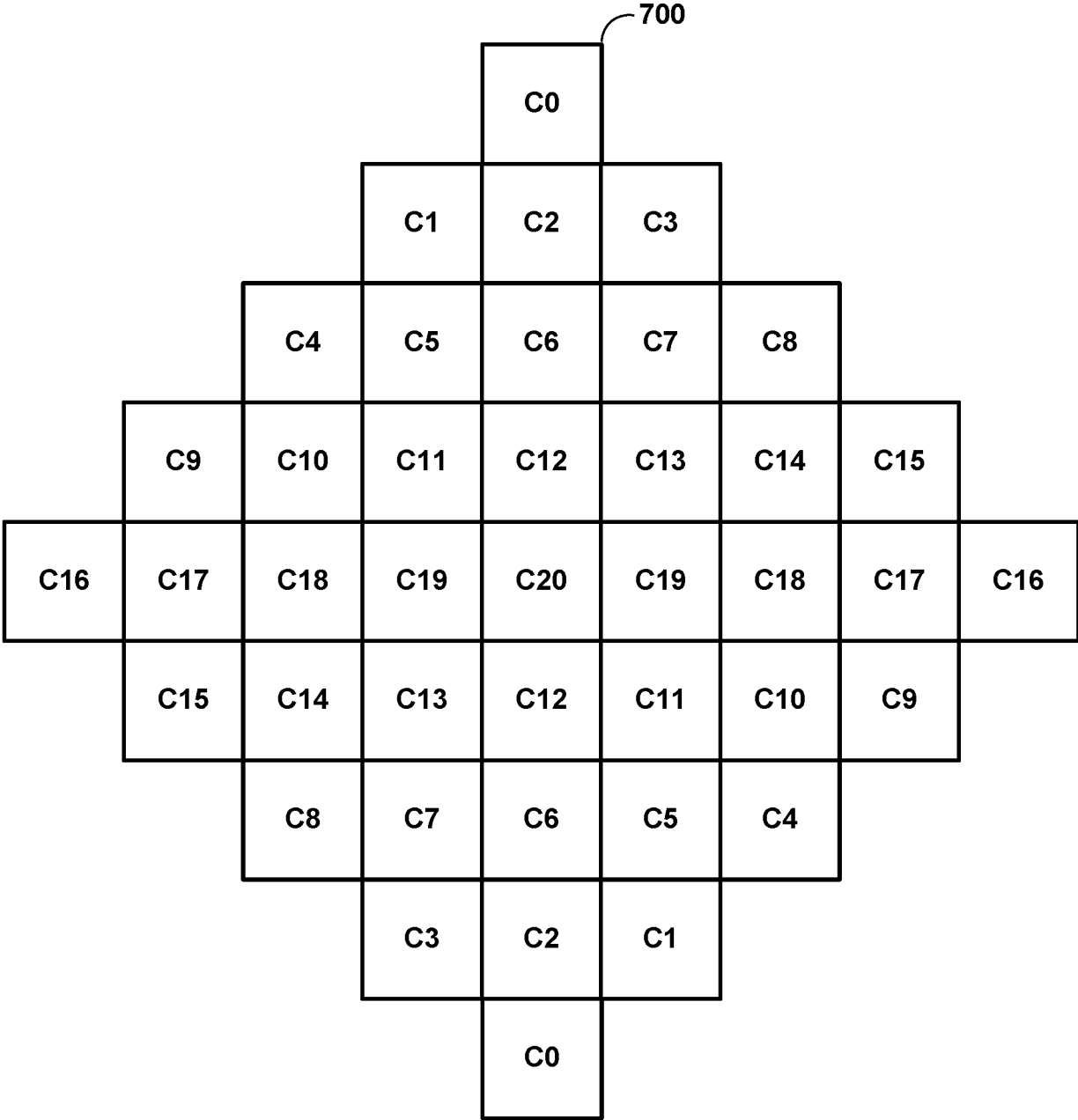


FIG. 7

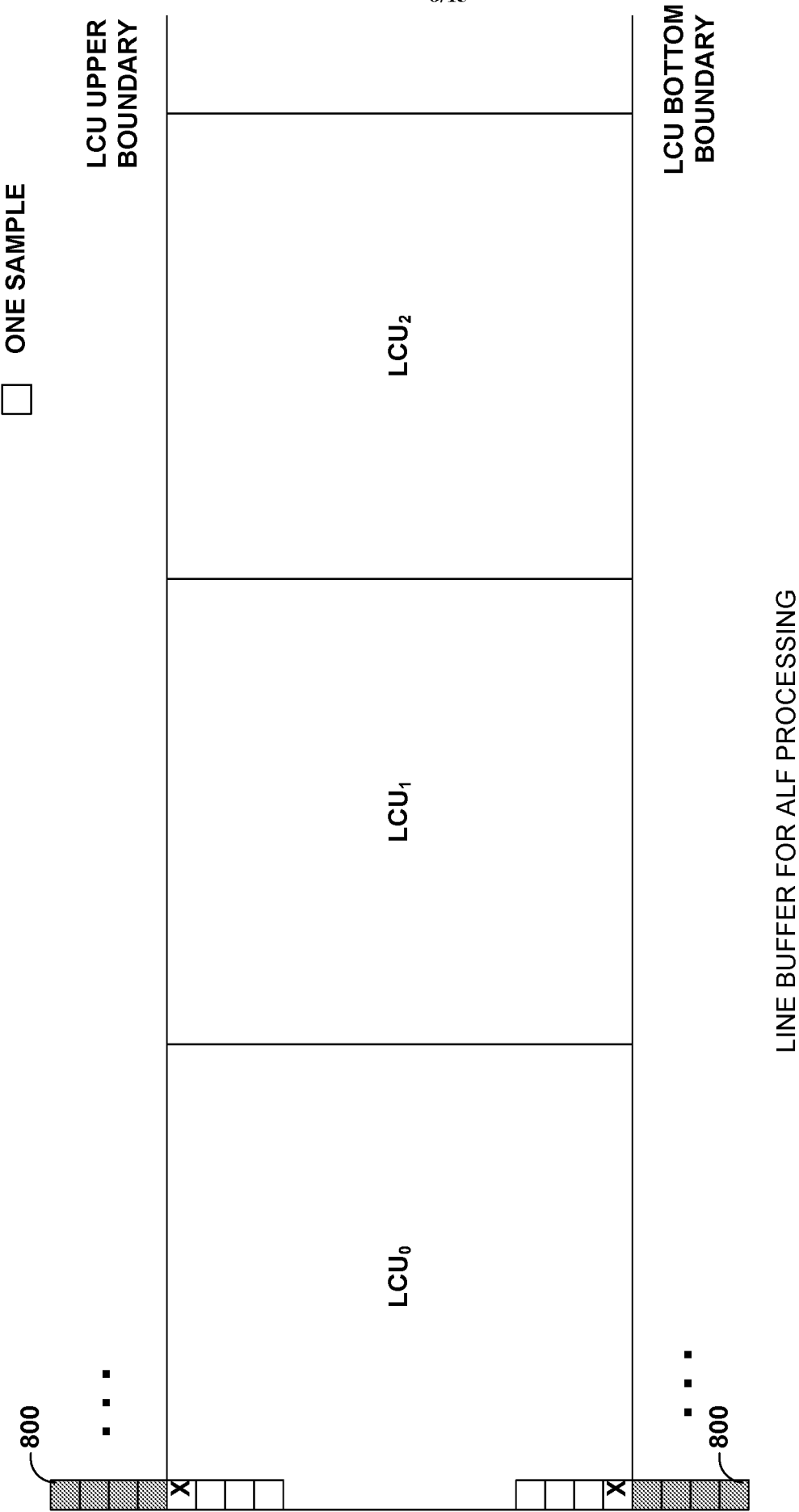


FIG. 8

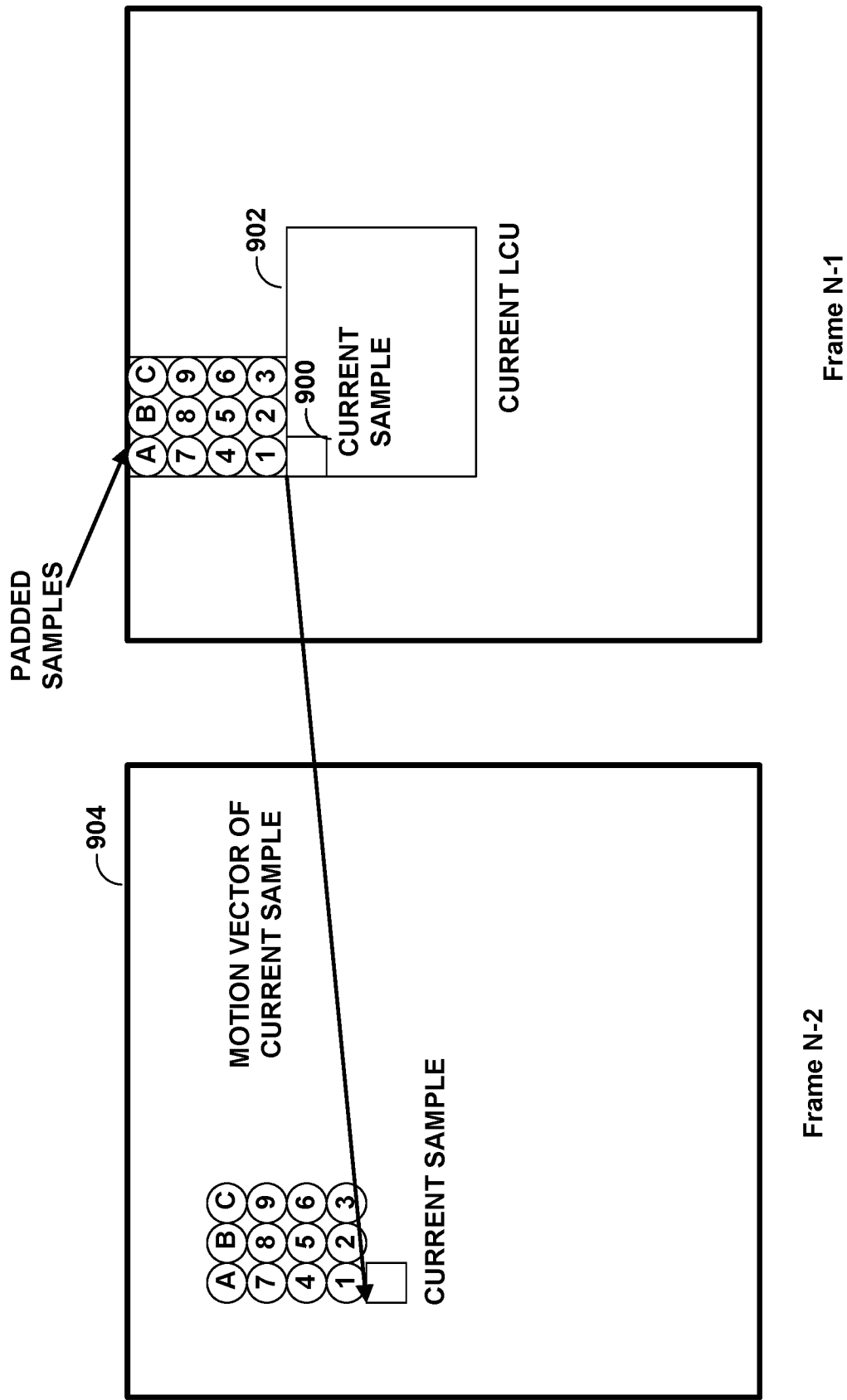
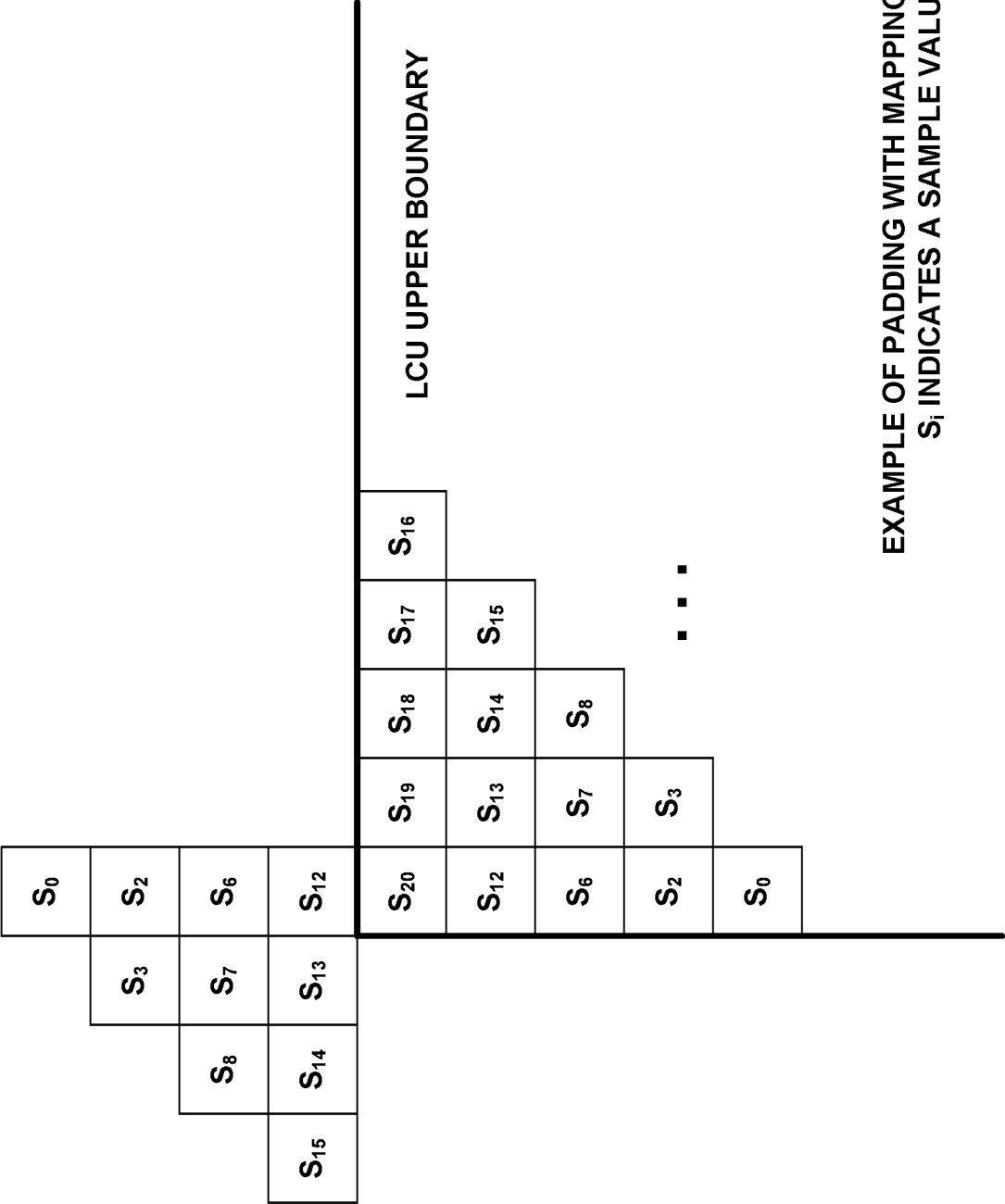


FIG. 9



EXAMPLE OF PADDING WITH MAPPING, WHERE
 S_i INDICATES A SAMPLE VALUE

FIG. 10A

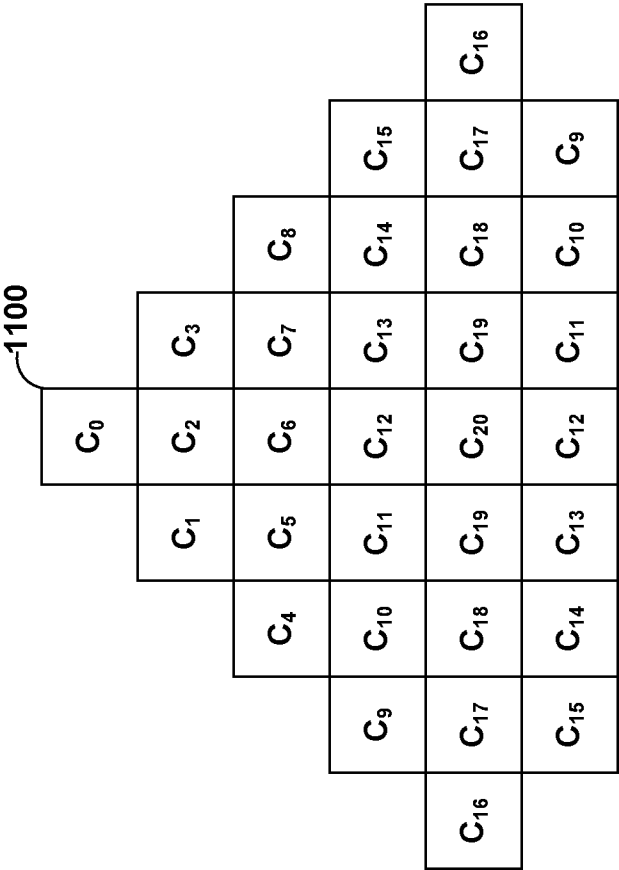


FIG. 11

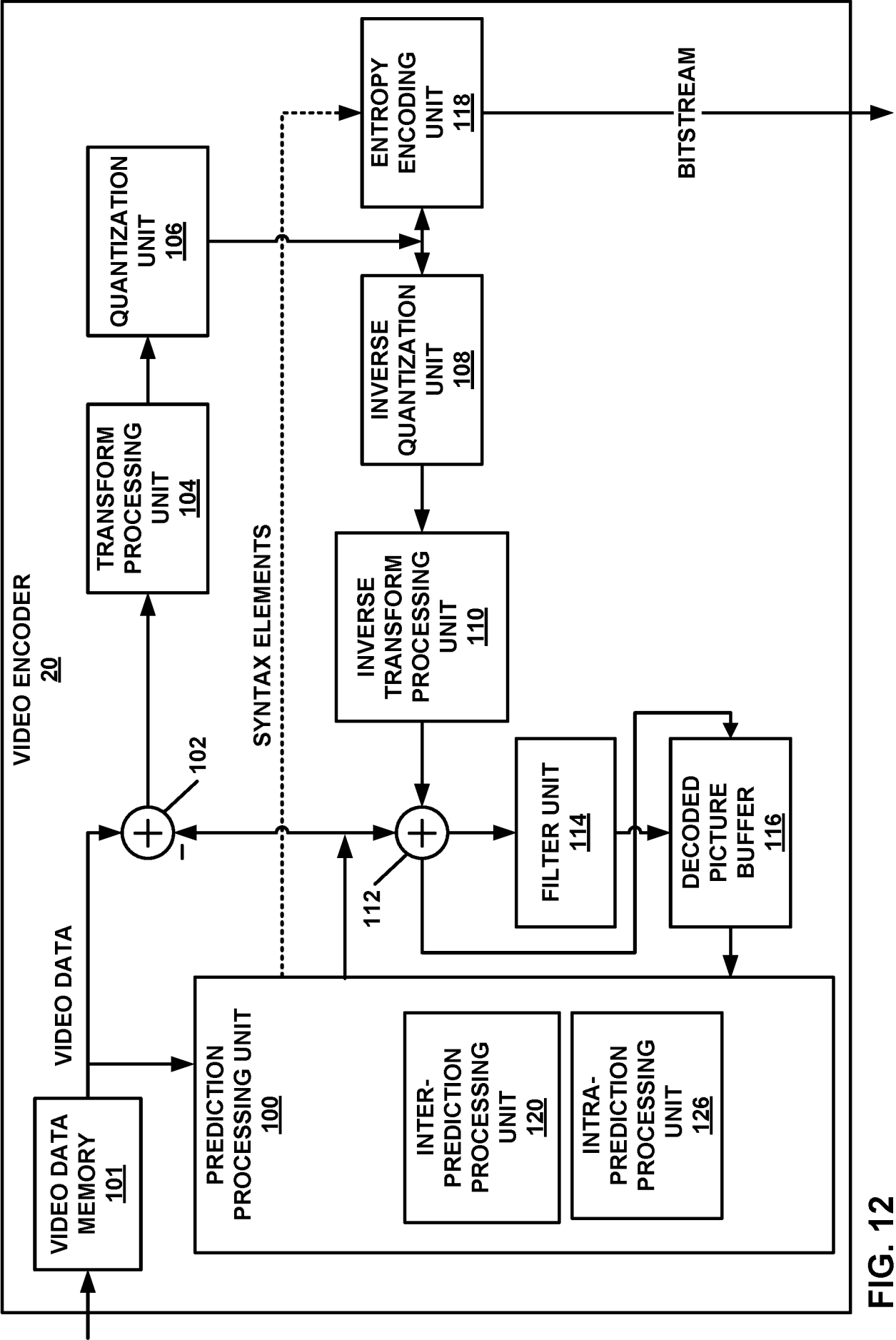


FIG. 12

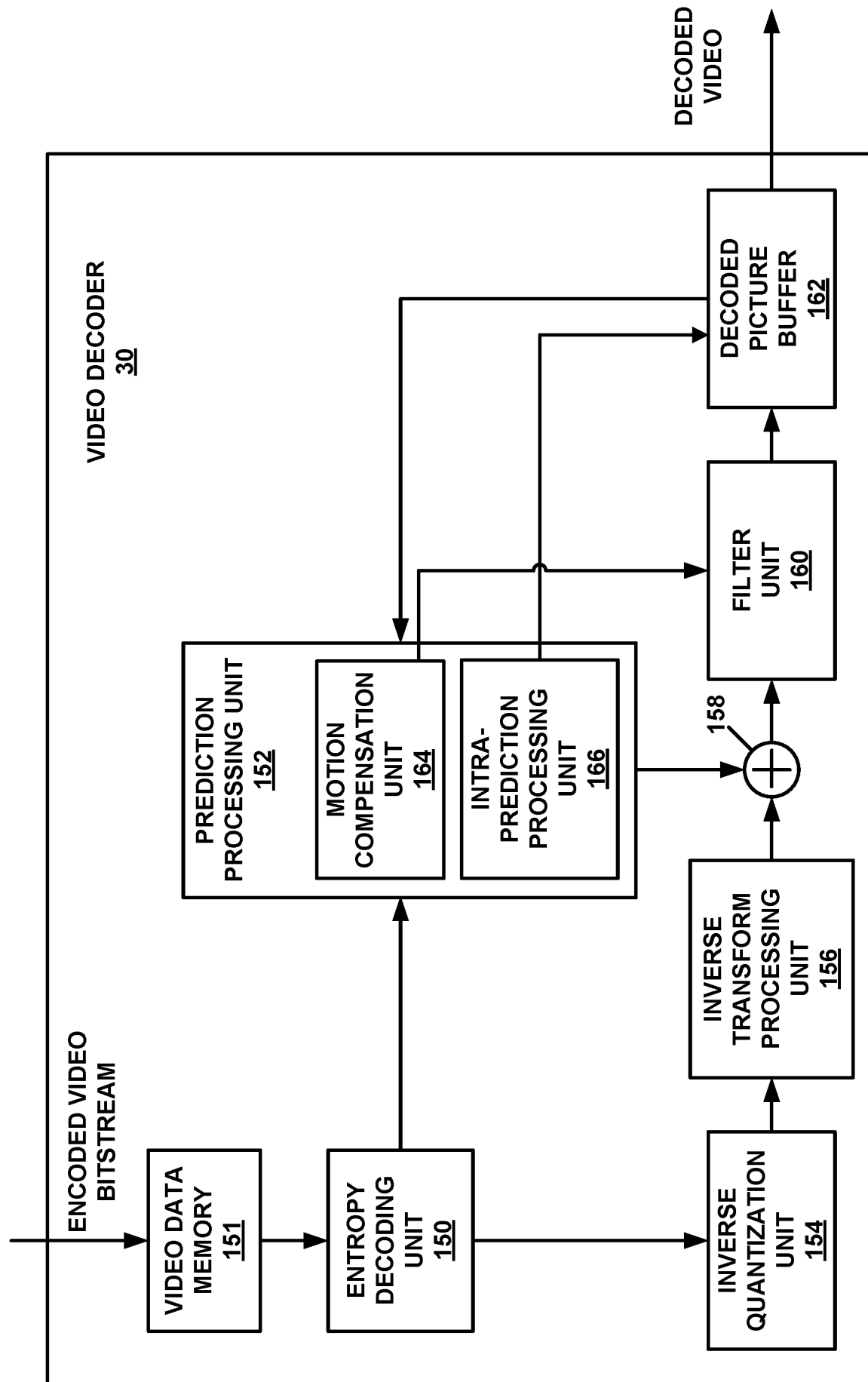


FIG. 13

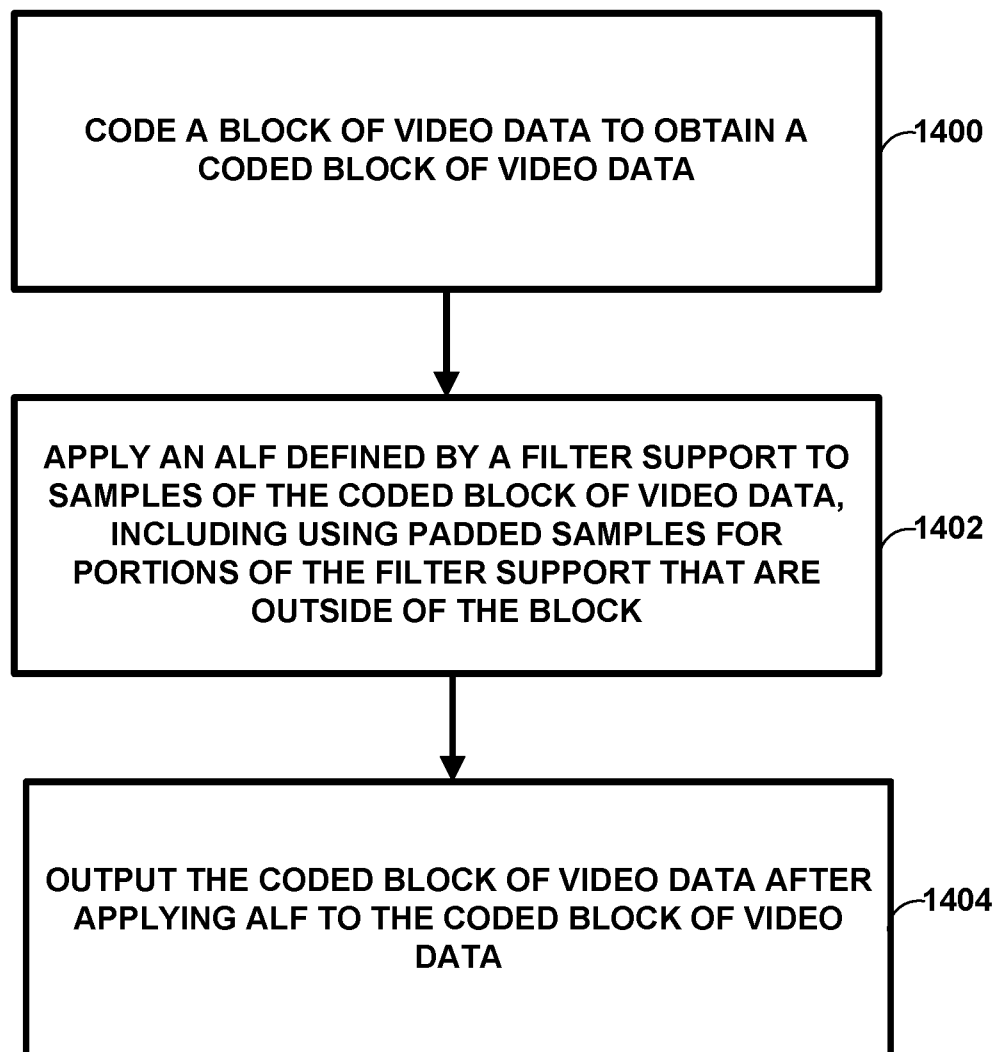


FIG. 14