

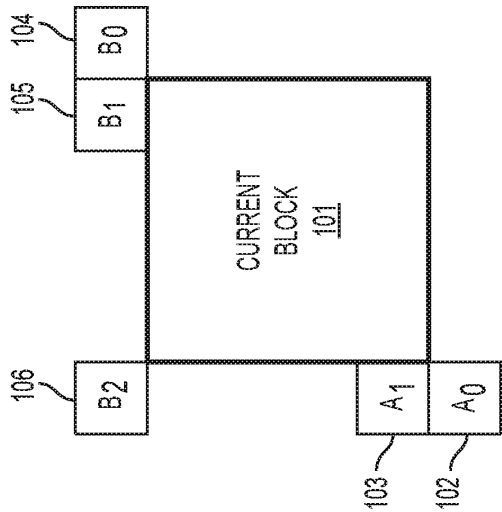


FIG. 1
(Related Art)

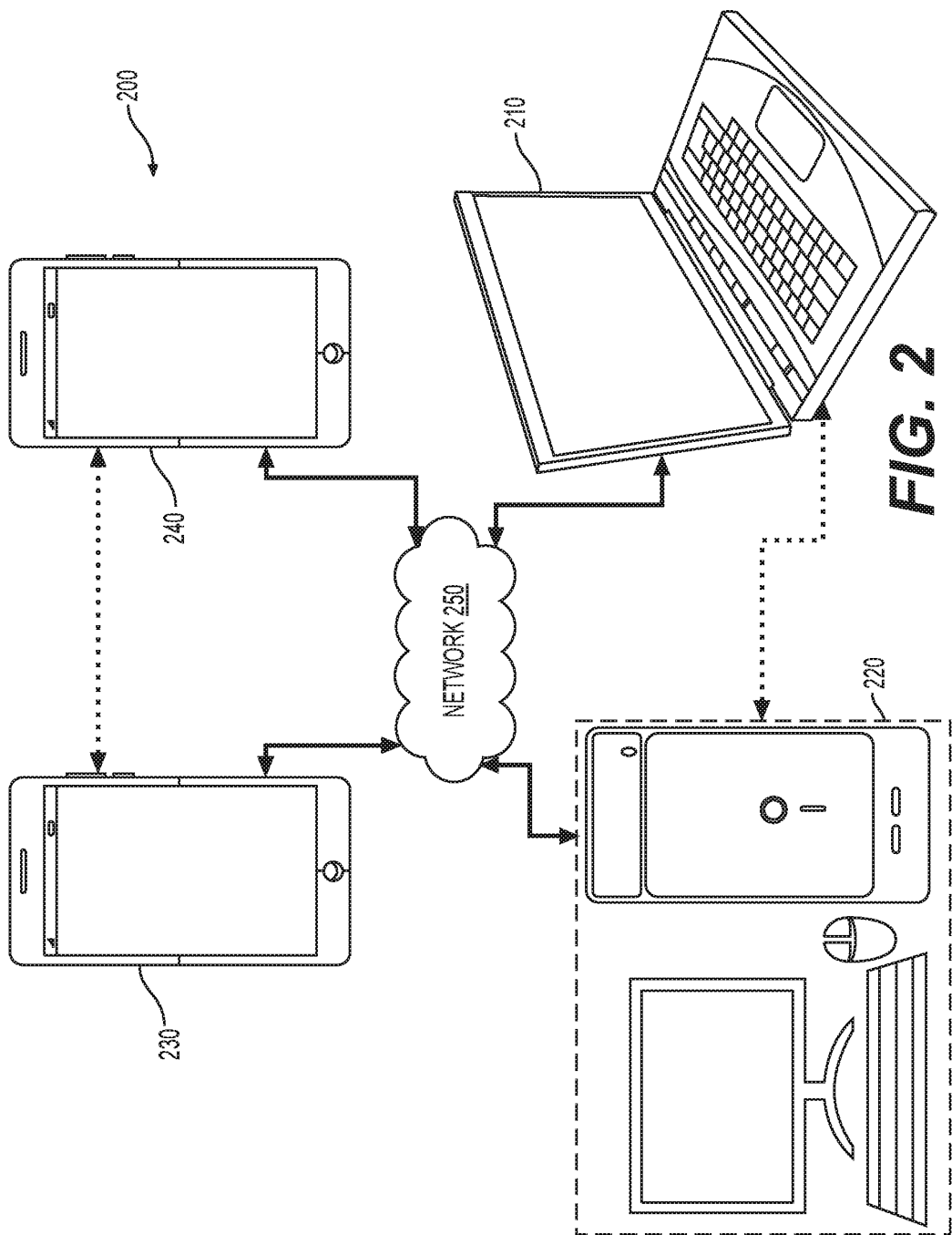


FIG. 2

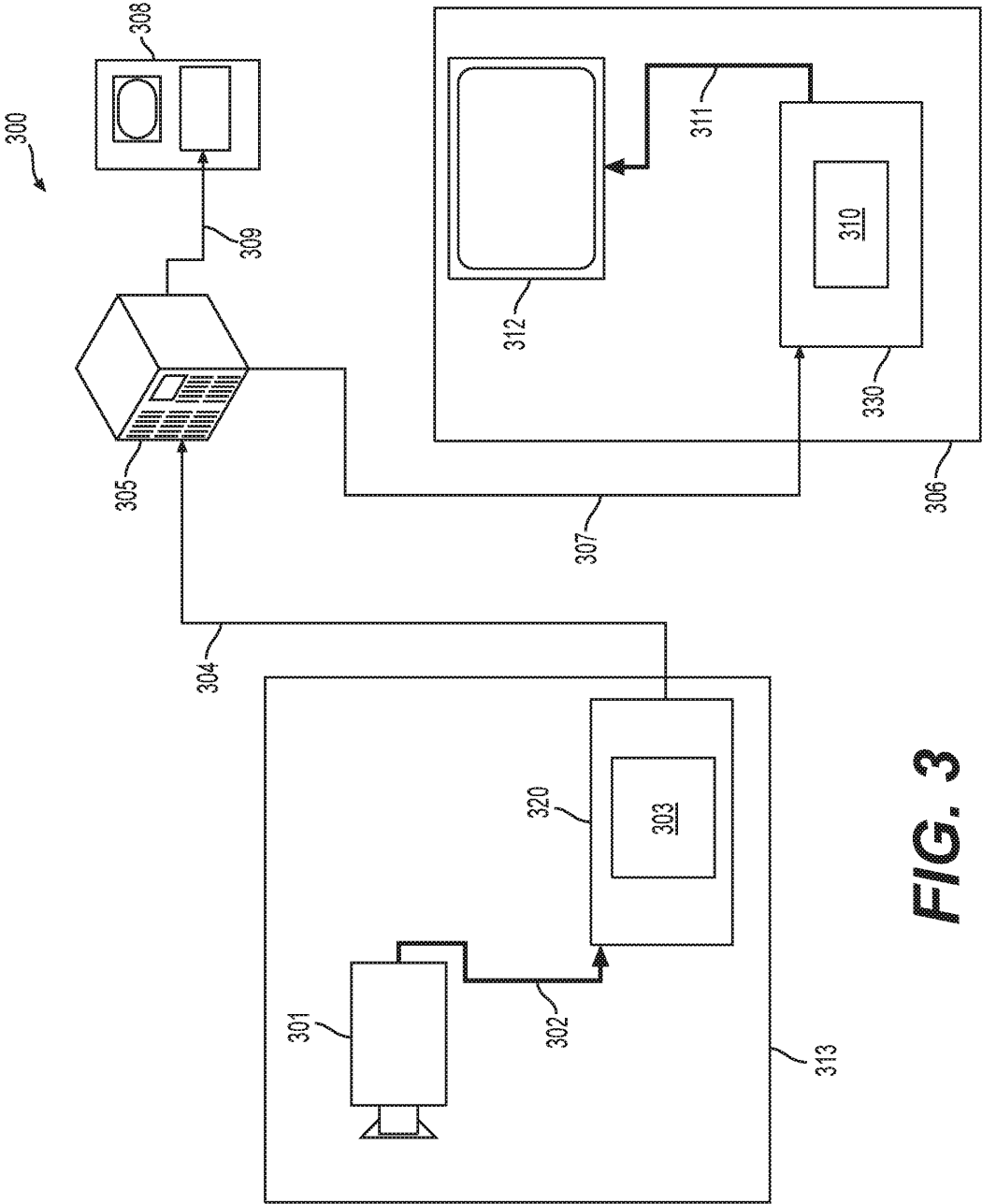


FIG. 3

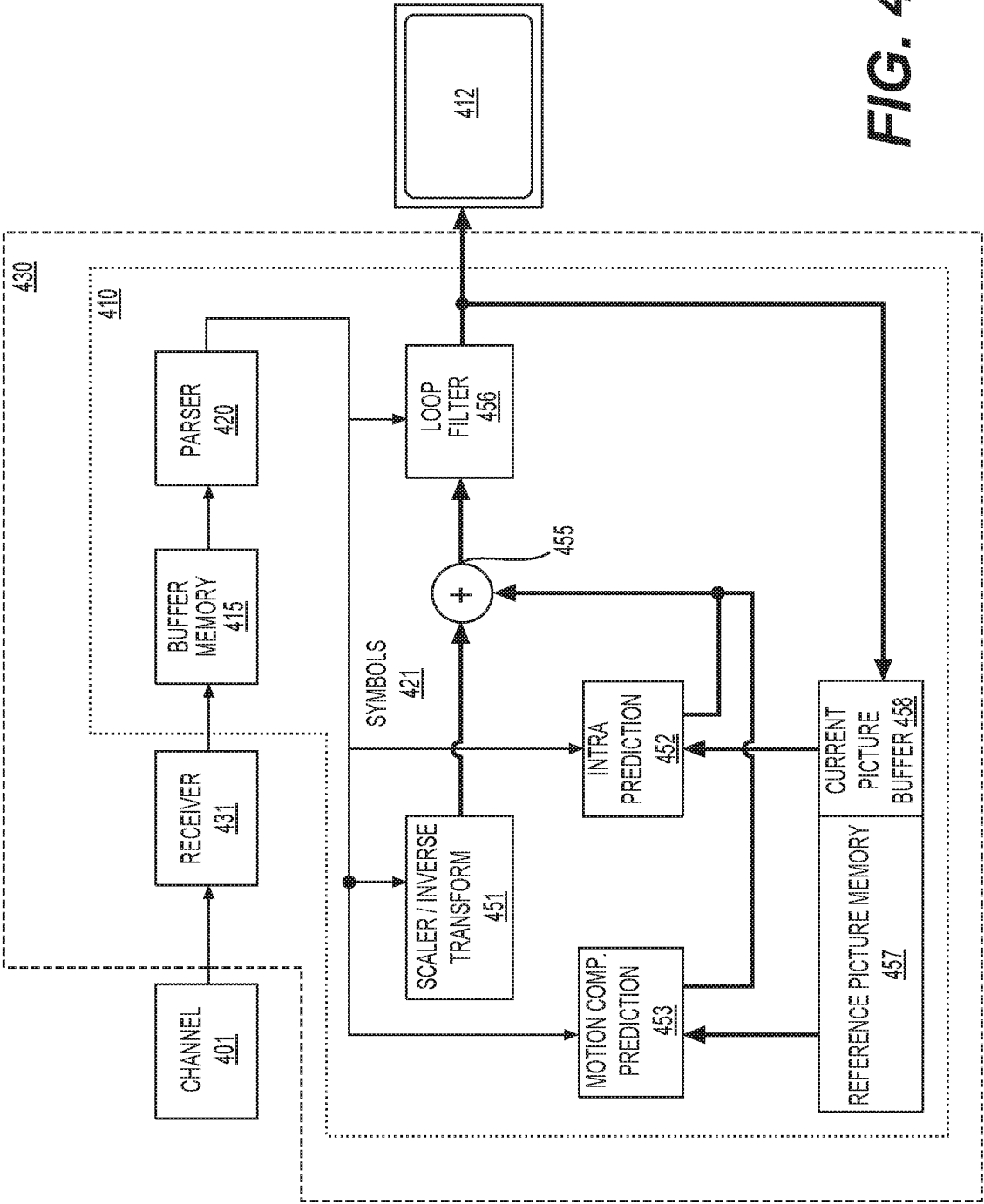


FIG. 4

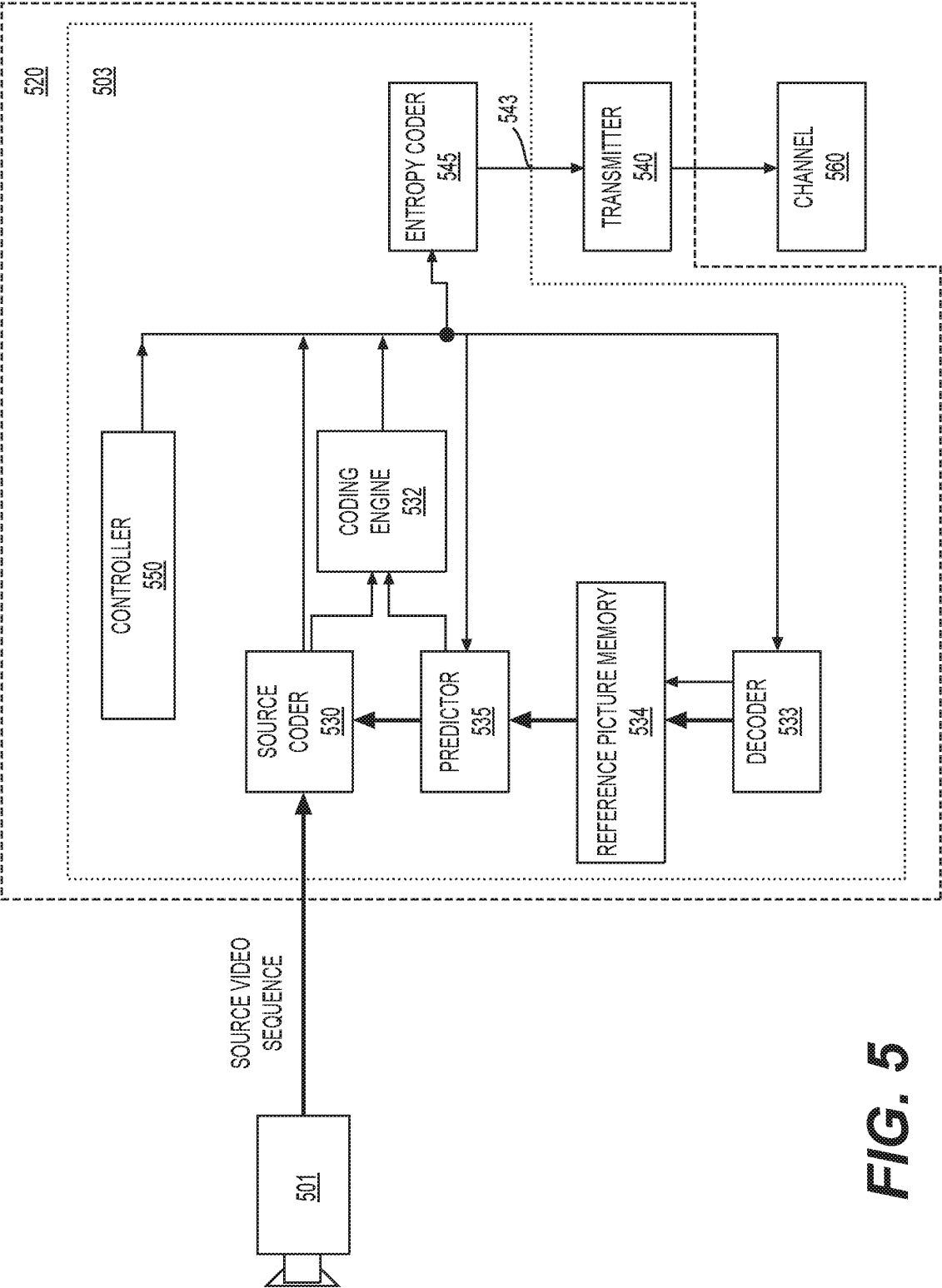


FIG. 5

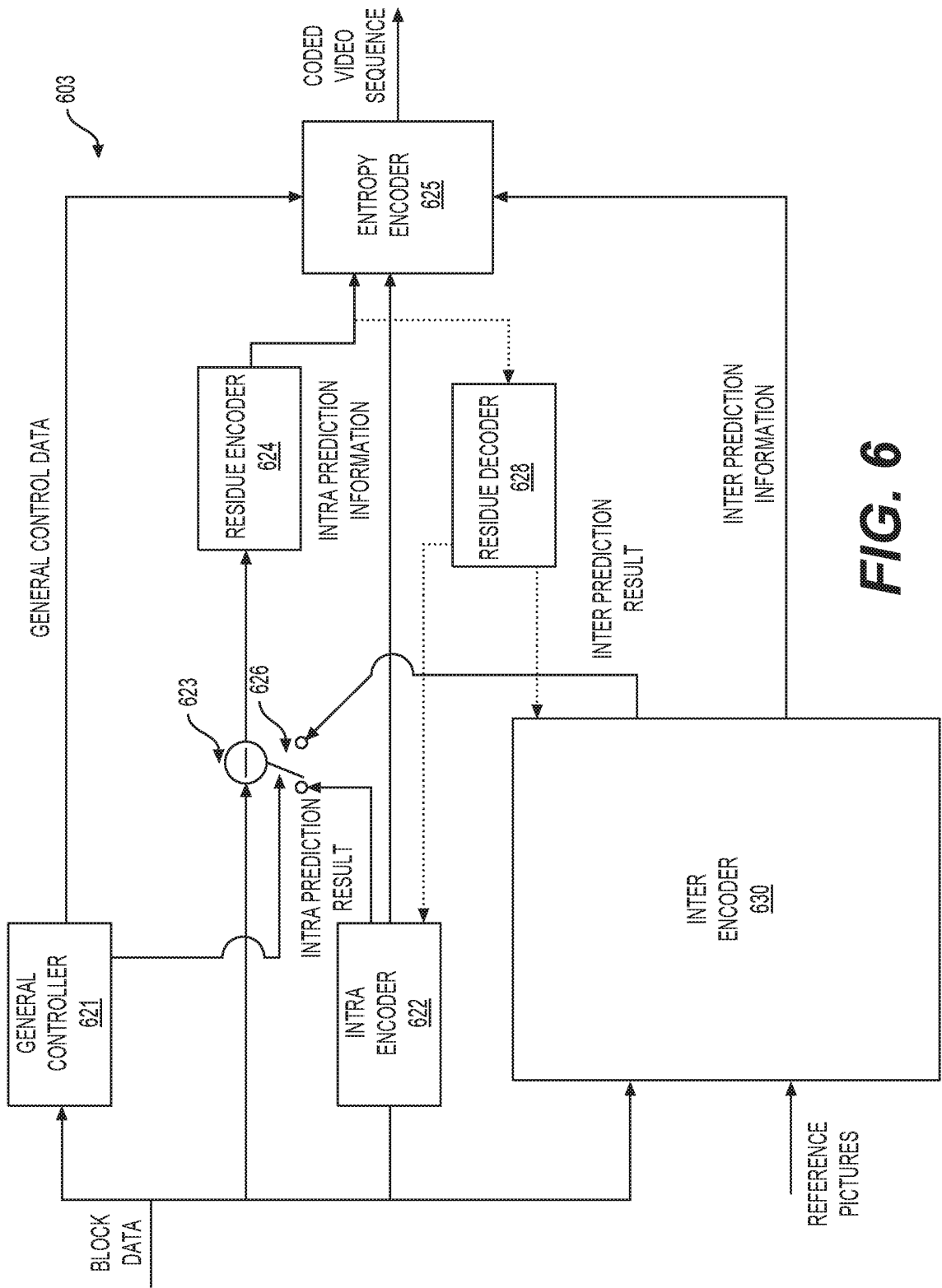


FIG. 6

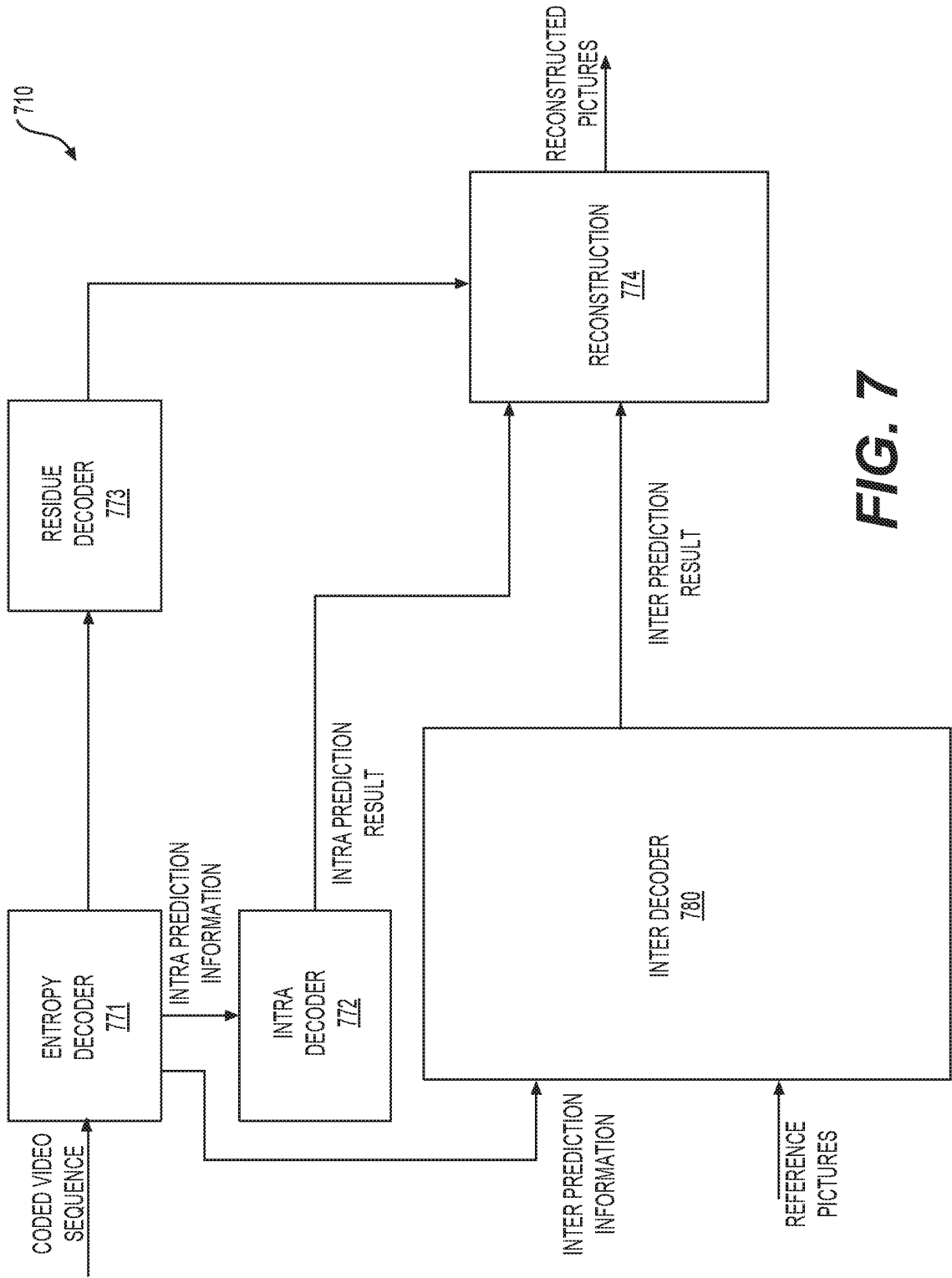


FIG. 7

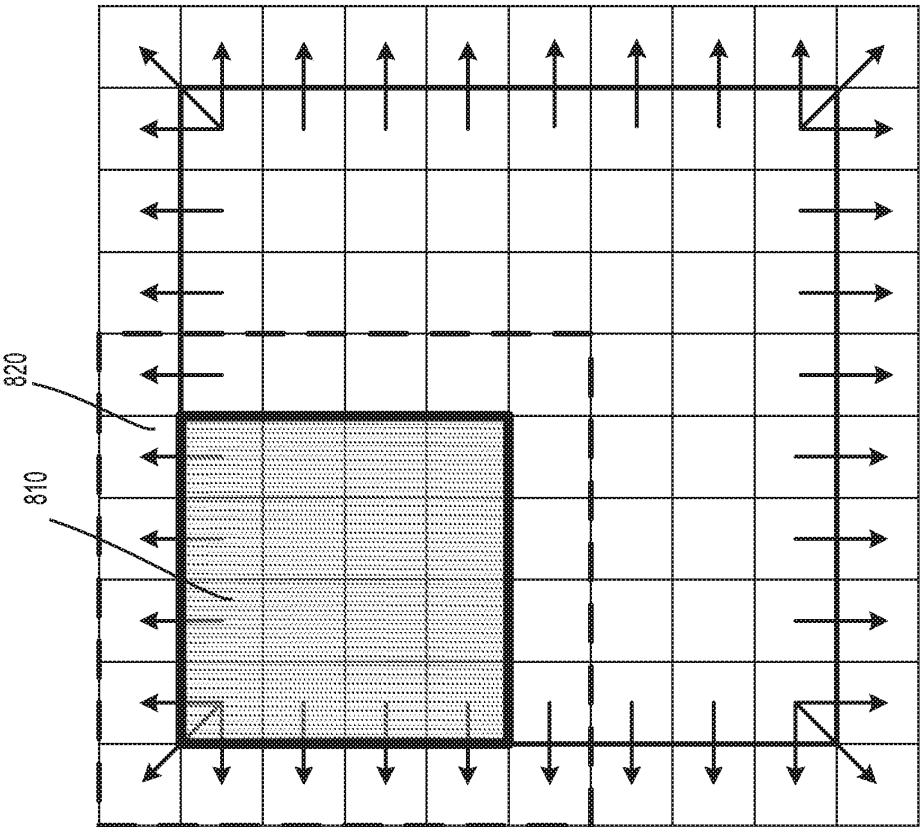


FIG. 8

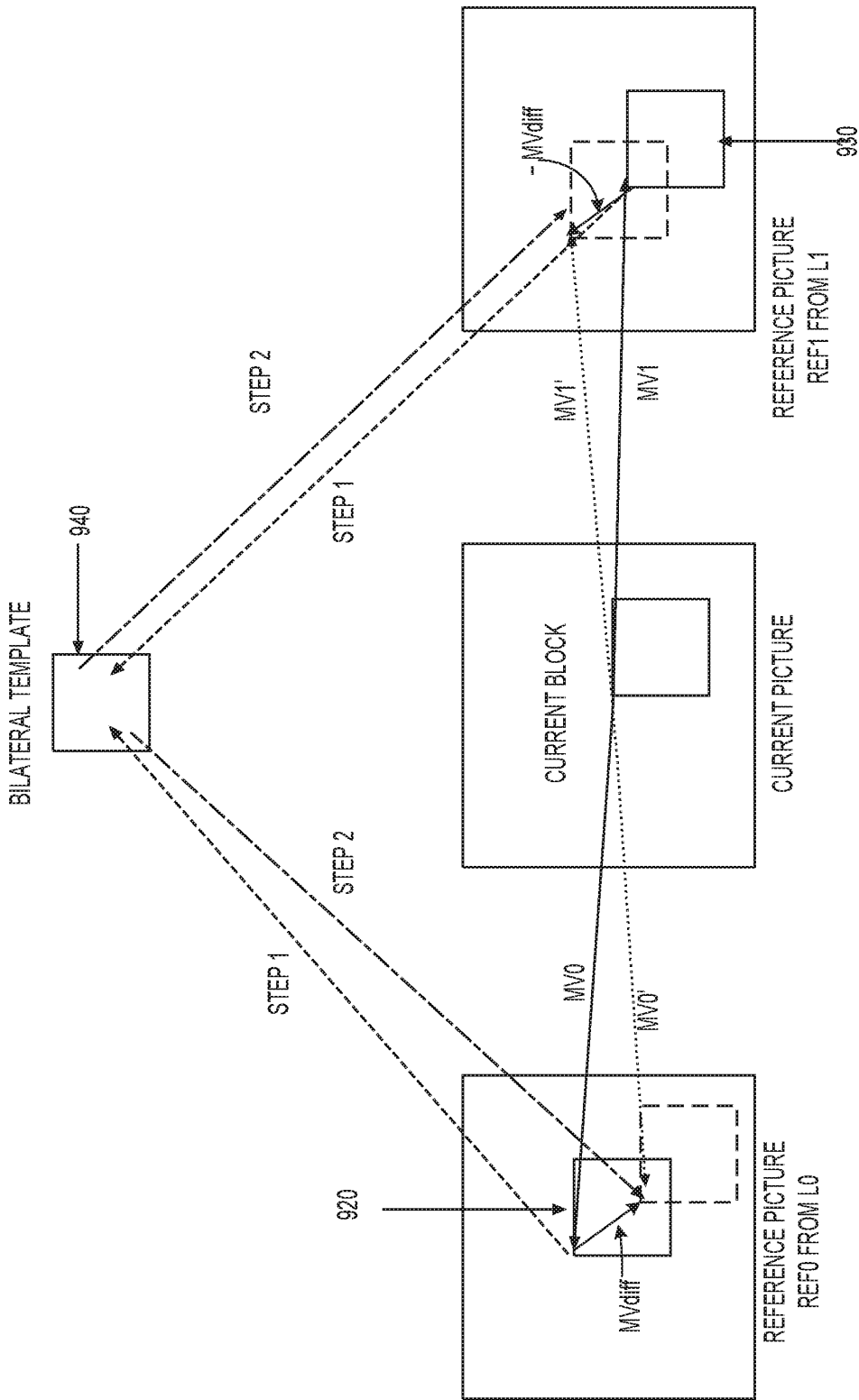


FIG. 9

TABLE 1A: BDOF CONDITIONS

-	sps_bdof_enabled_flag is equal to 1.
-	predFlagL0[xSbIdx][ySbIdx] and predFlagL1[xSbIdx][ySbIdx] are both equal to 1.
-	DiffPicOrderCnt(currPic, RefPicList[0][refIdxL0]) × DiffPicOrderCnt(currPic, RefPicList[1][refIdxL1]) < 0.
-	MotionModelIdc[xCb][yCb] is equal to 0.
-	merge_subblock_flag[xCb][yCb] is equal to 0.
-	Gbidx[xCb][yCb] is equal to 0.
-	luma_weight_l0_flag[refIdxL0] and luma_weight_l1_flag[refIdxL1] are equal to 0.
-	cldx is equal to 0.

FIG. 10A

TABLE 1B: BDOF CONDITIONS

1010B	– ph_disable_bdoof_flag is equal to 0.	
	– predFlagL0[xSbIdx][ySbIdx] and predFlagL1[xSbIdx][ySbIdx] are both equal to 1.	
	– DiffPicOrderCnt(currPic, RefPicList[0][refIdxL0]) is equal to DiffPicOrderCnt(RefPicList[1][refIdxL1], currPic).	
	– RefPicList[0][refIdxL0] is a short-term reference picture and RefPicList[1][refIdxL1] is a short-term reference picture.	
	– MotionModelIdc[xCb][yCb] is equal to 0.	
	– merge_subblock_flag[xCb][yCb] is equal to 0.	
	– sym_mvd_flag[xCb][yCb] is equal to 0.	
	– ciip_flag[xCb][yCb] is equal to 0.	
	– BcwIdx[xCb][yCb] is equal to 0.	
	– luma_weight_l0_flag[refIdxL0] and luma_weight_l1_flag[refIdxL1] are both equal to 0.	
1020B	– chroma_weight_l0_flag[refIdxL0] and chroma_weight_l1_flag[refIdxL1] are both equal to 0.	
	– cbWidth is greater than or equal to 8.	
	– cbHeight is greater than or equal to 8.	
	– cbHeight * cbWidth is greater than or equal to 128.	
	– RprConstraintsActive[0][refIdxL0] is equal to 0 and RprConstraintsActive[1][refIdxL1] is equal to 0.	
– cldx is equal to 0.		1030B

FIG. 10B

TABLE 2A: DMVR CONDITIONS

1110A	-	sps_dmvr_enabled_flag is equal to 1
	-	merge_flag[xCb][yCb] is equal to 1
	-	both predFlagLO[0][0] and predFlagL1[0][0] are equal to 1
	-	mmvd_flag[xCb][yCb] is equal to 0
	-	Gbidx[xCb][yCb] is equal to 0
	-	luma_weight_10_flag[refIdxLO] and luma_weight_11_flag[refIdxL1] are equal to 0
1120A	-	DiffPicOrderCnt(currPic, RefPicList[0][refIdxLO]) is equal to DiffPicOrderCnt(RefPicList[1][refIdxL1], currPic)
	-	cbHeight is greater than or equal to 8 cbHeight*cbWidth is greater than or equal to 64

FIG. 11A

TABLE 2B: DMVR CONDITIONS

—	ph_disable_dmvr_flag is equal to 0.
—	general_merge_flag[xCb][yCb] is equal to 1.
—	both predFlagL0[0][0] and predFlagL1[0][0] are equal to 1.
—	mmvd_merge_flag[xCb][yCb] is equal to 0.
—	ciip_flag[xCb][yCb] is equal to 0.
—	DiffPicOrderCnt(currPic, RefPicList[0][refIdxL0]) is equal to DiffPicOrderCnt(RefPicList[1][refIdxL1], currPic).
—	RefPicList[0][refIdxL0] is a short-term reference picture and RefPicList[1][refIdxL1] is a short-term reference picture.
—	BcwIdx[xCb][yCb] is equal to 0.
—	Both luma_weight_10 flag[refIdxL0] and luma_weight_11 flag[refIdxL1] are equal to 0.
—	Both chroma_weight_10 flag[refIdxL0] and chroma_weight_11 flag[refIdxL1] are equal to 0.
—	cbWidth is greater than or equal to 8.
—	cbHeight is greater than or equal to 8.
—	cbHeight*cbWidth is greater than or equal to 128.
—	RprConstraintsActive[0][refIdxL0] is equal to 0 and RprConstraintsActive[1][refIdxL1] is equal to 0.

FIG. 11B

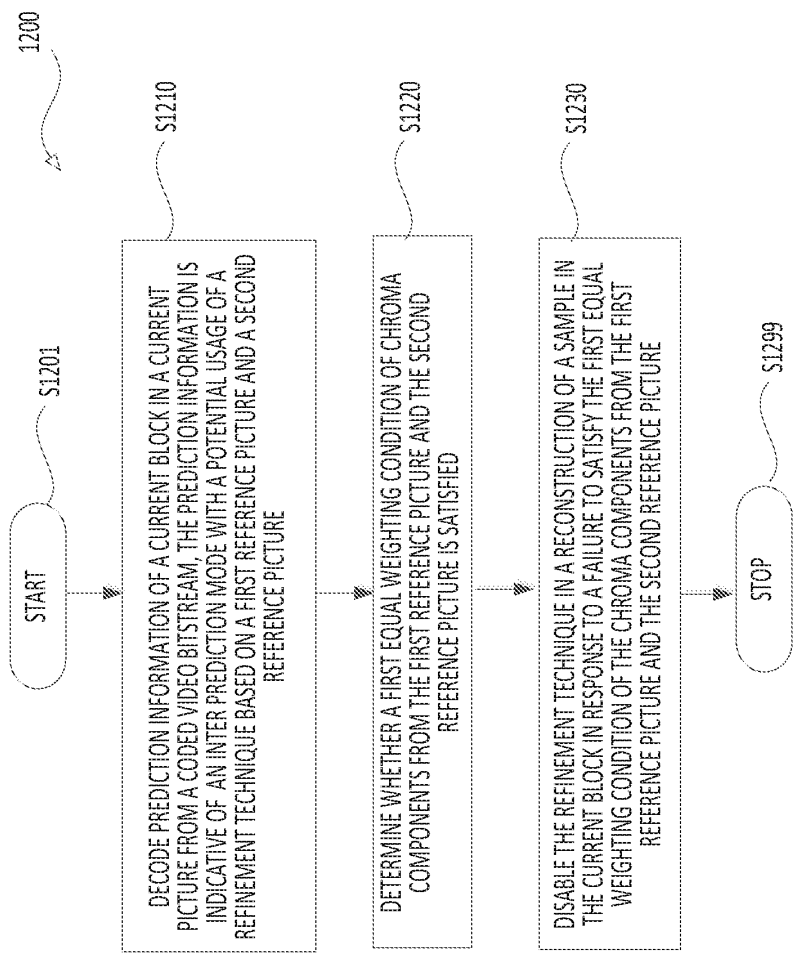


FIG. 12

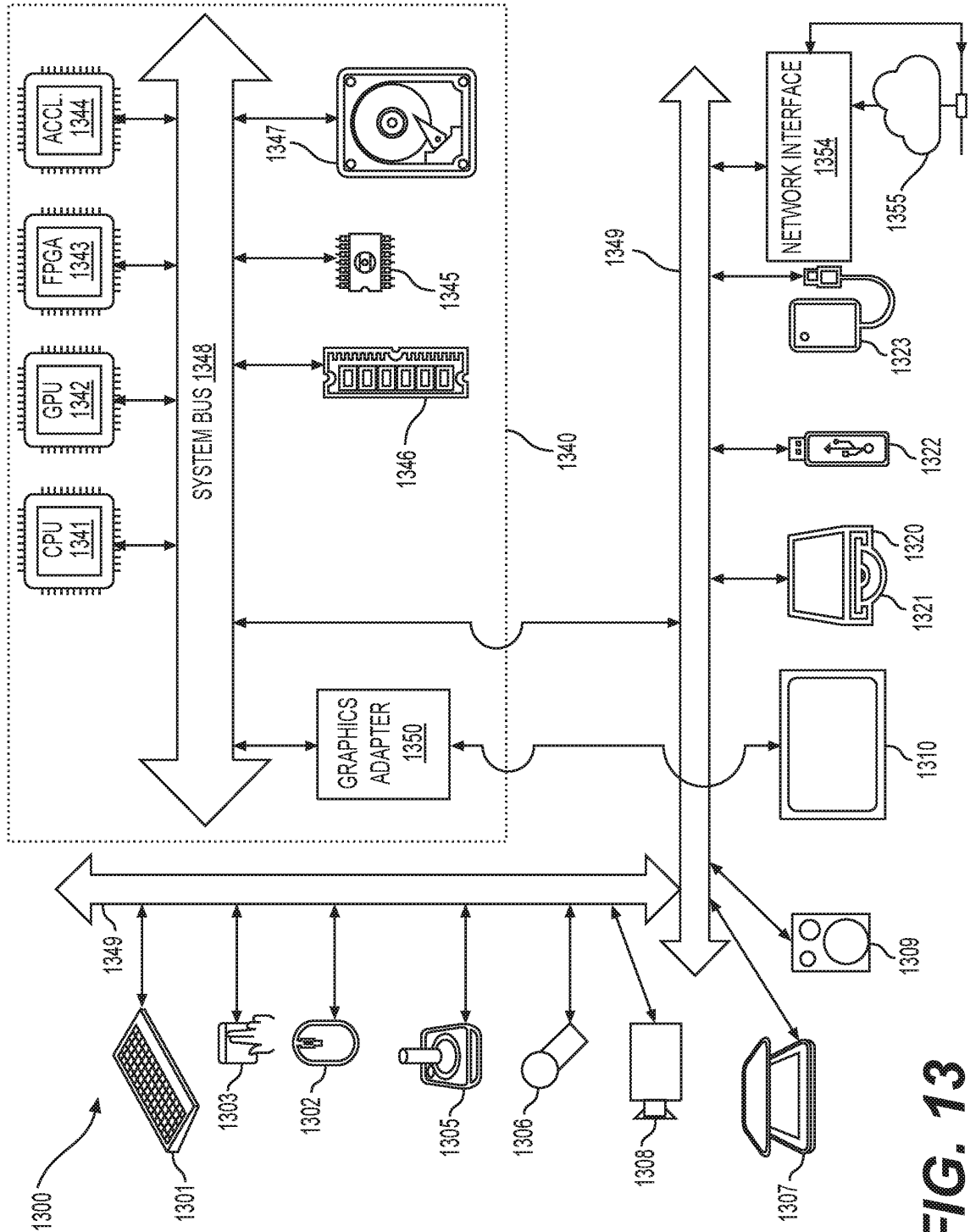


FIG. 13