

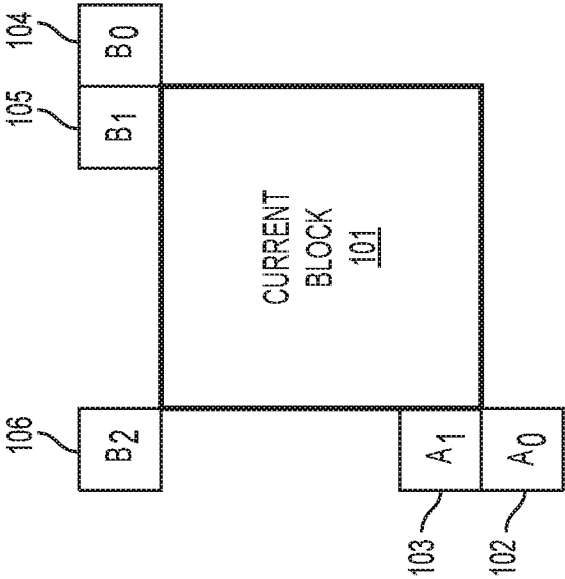
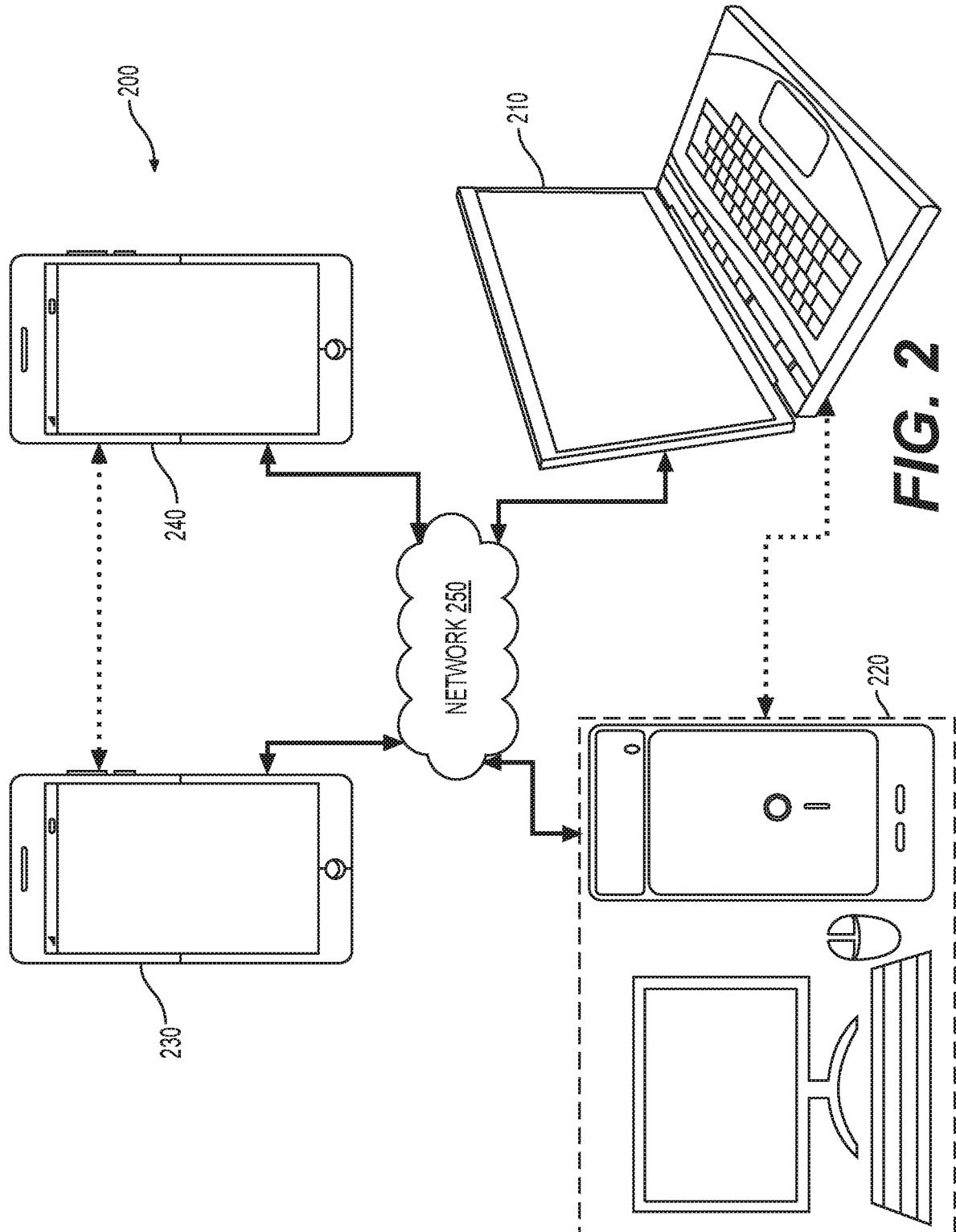


FIG. 1
(Related Art)



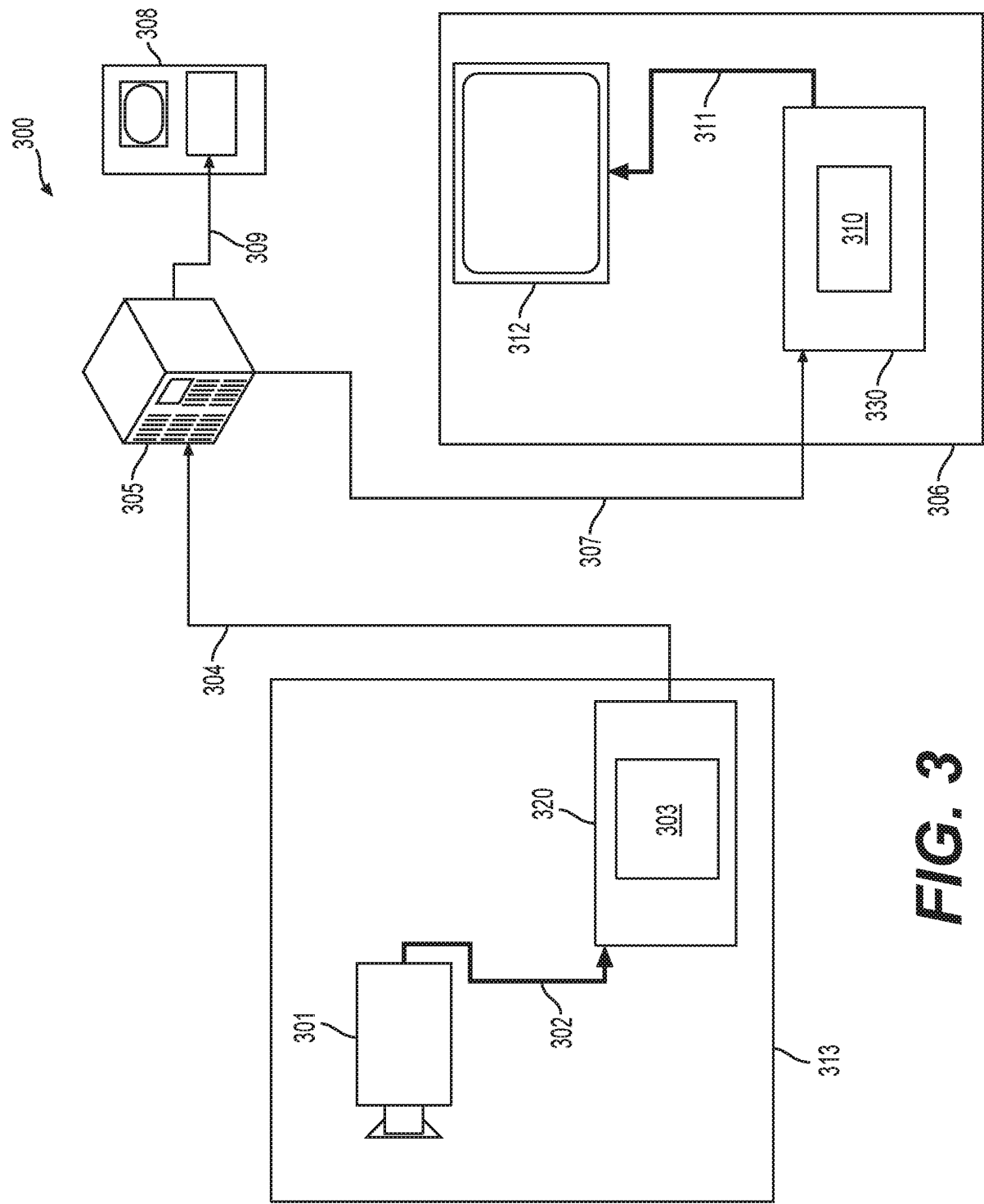


FIG. 3

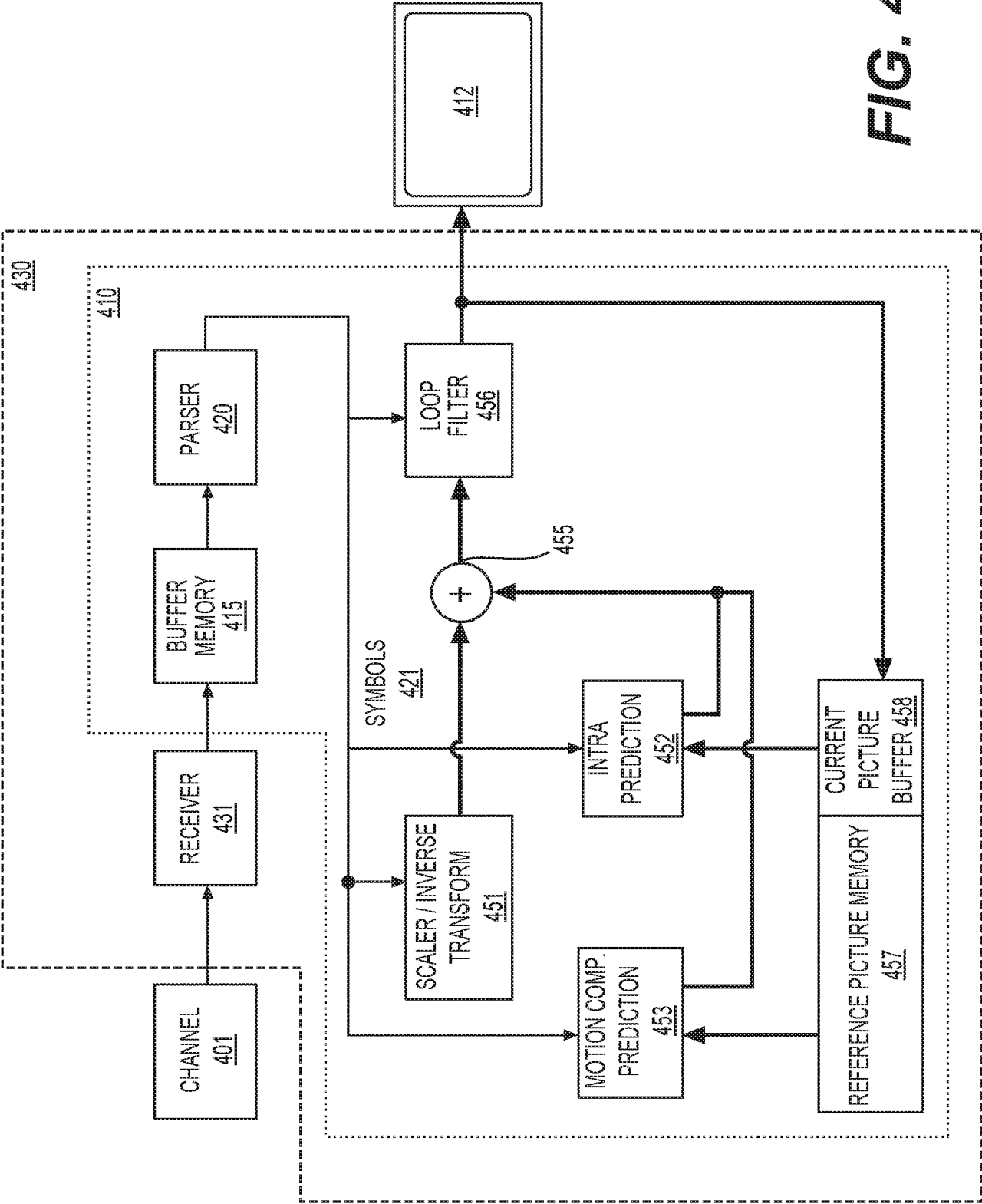
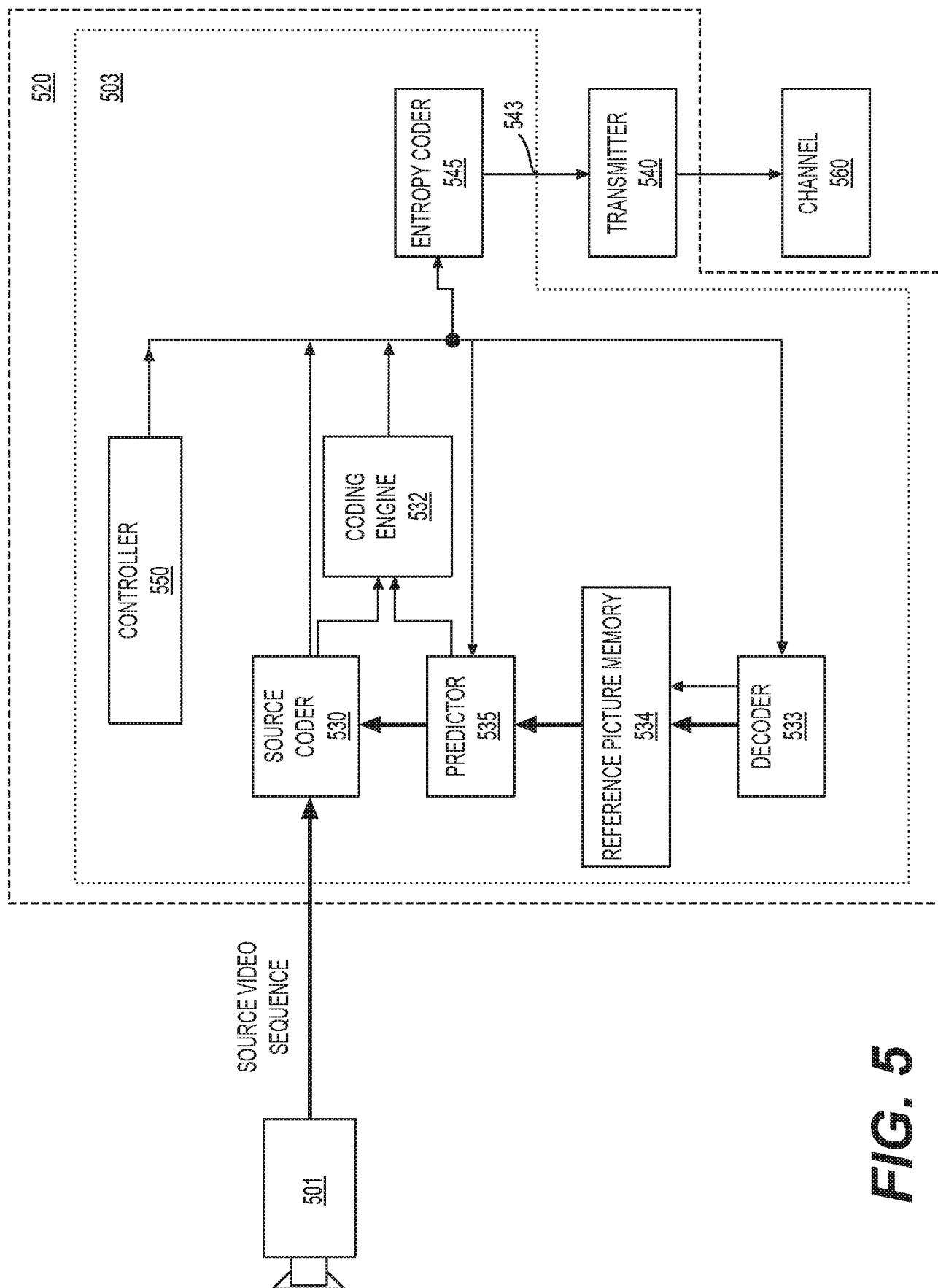


FIG. 4



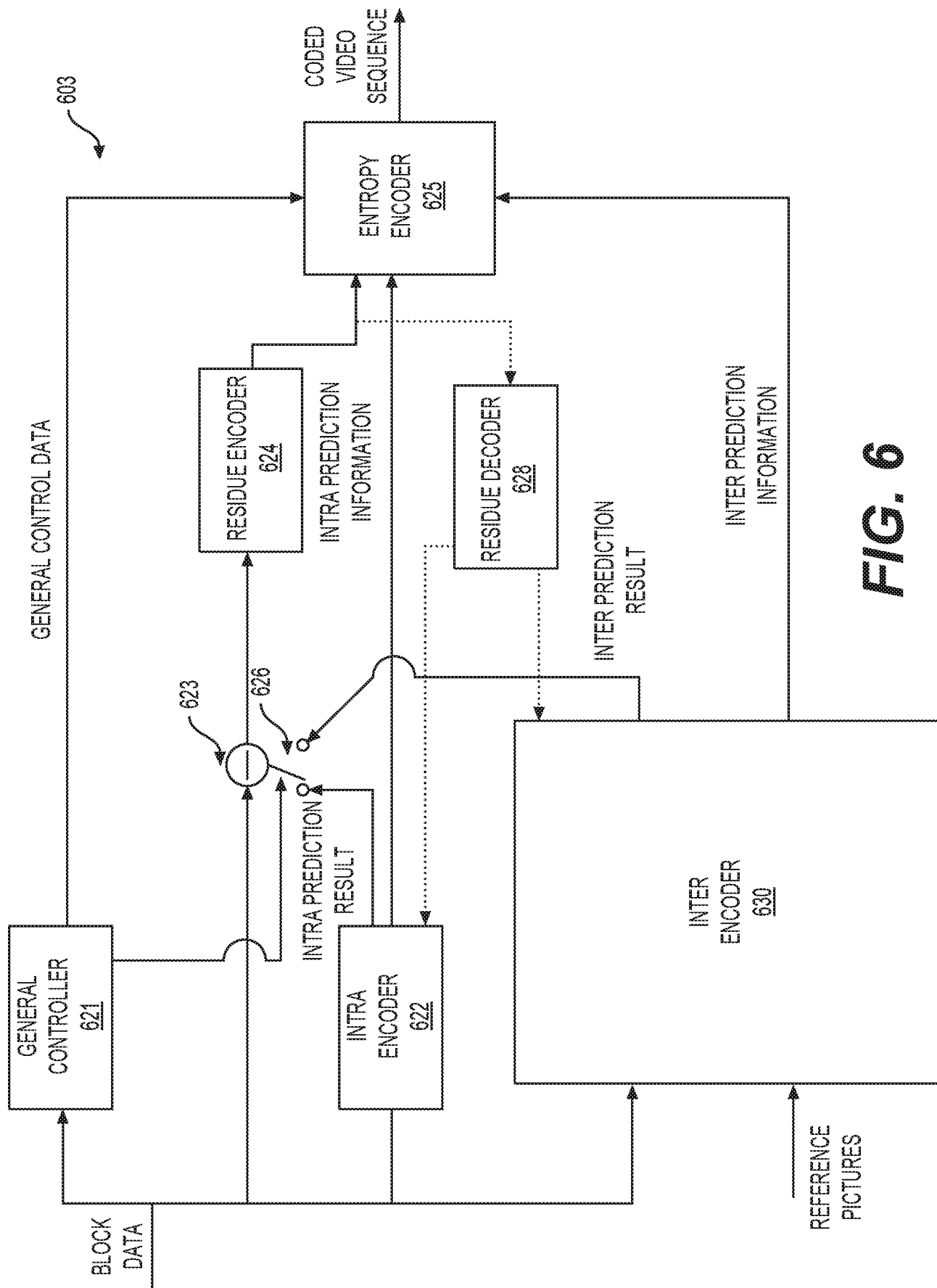


FIG. 6

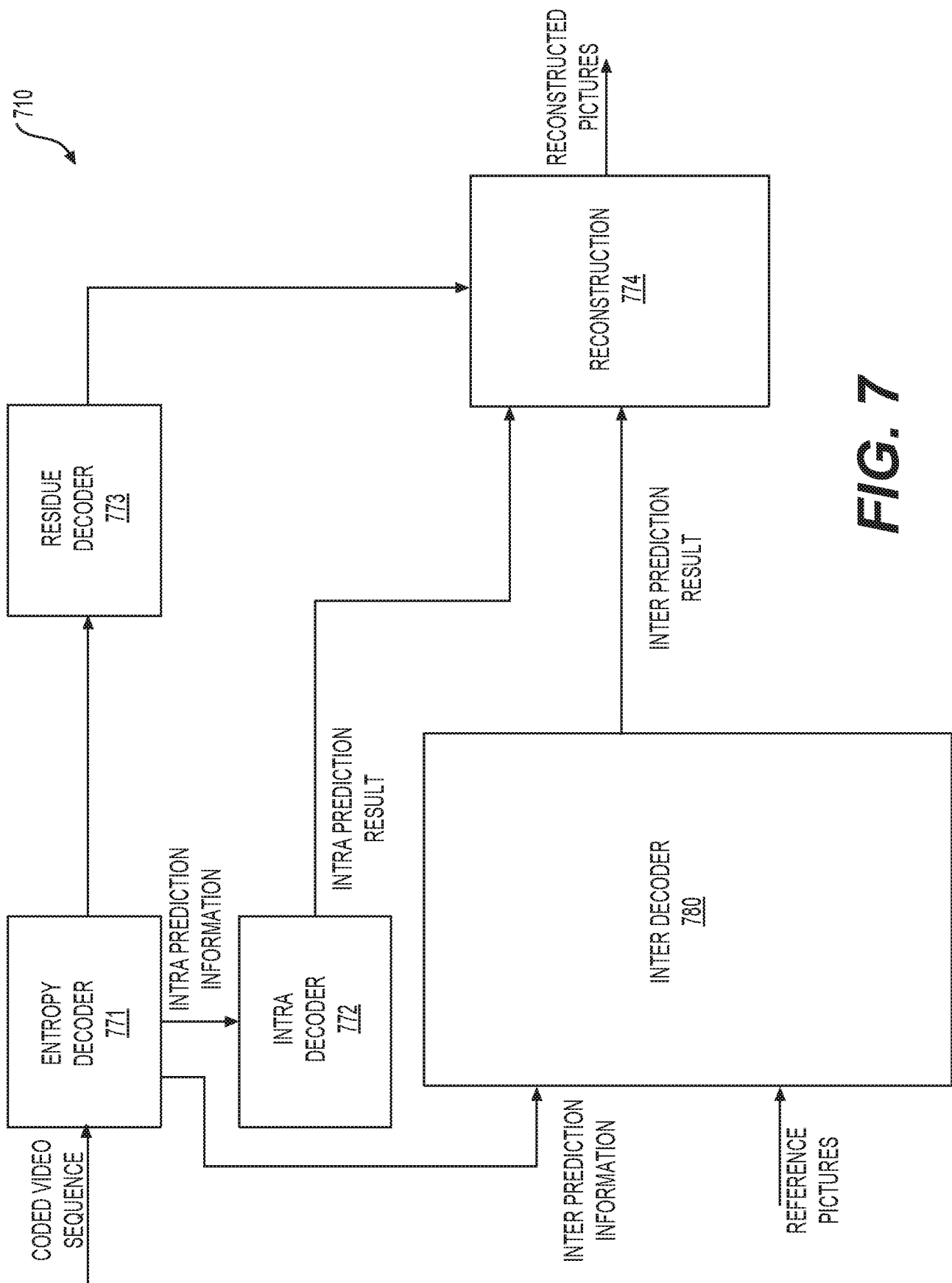


FIG. 7

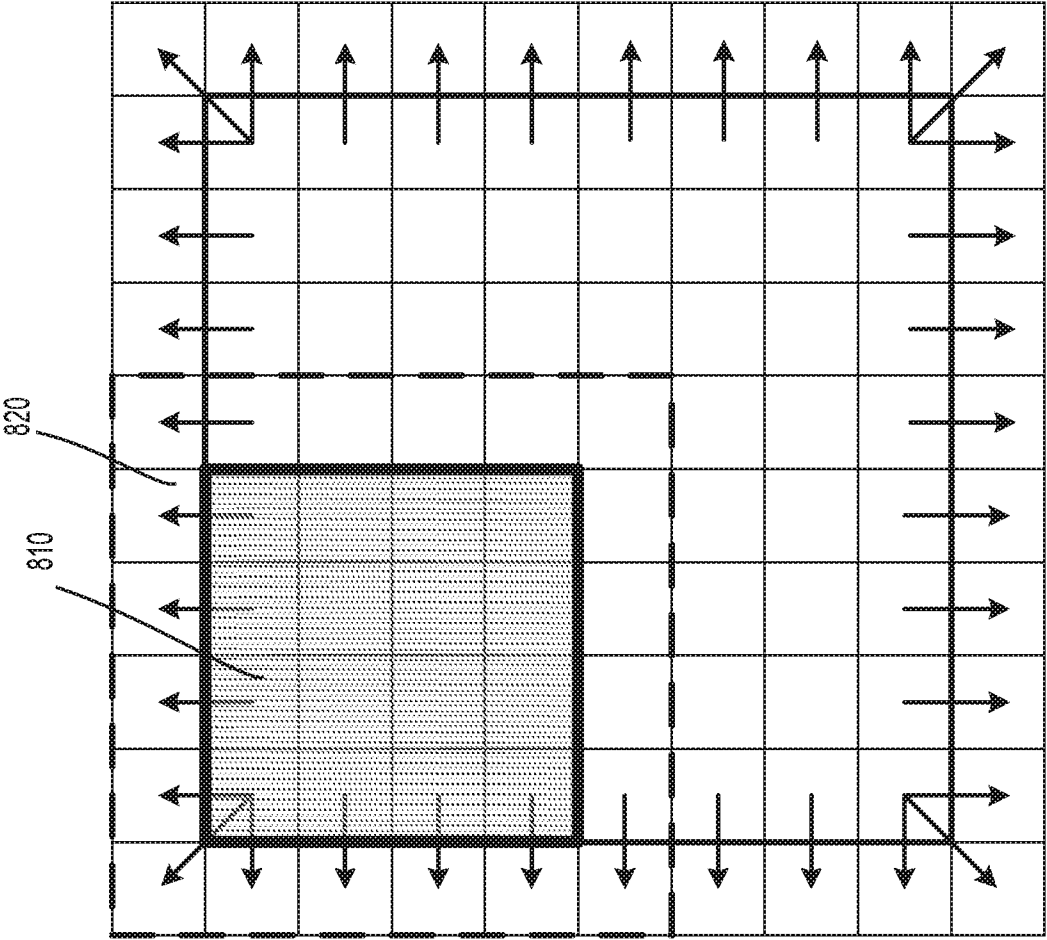


FIG. 8

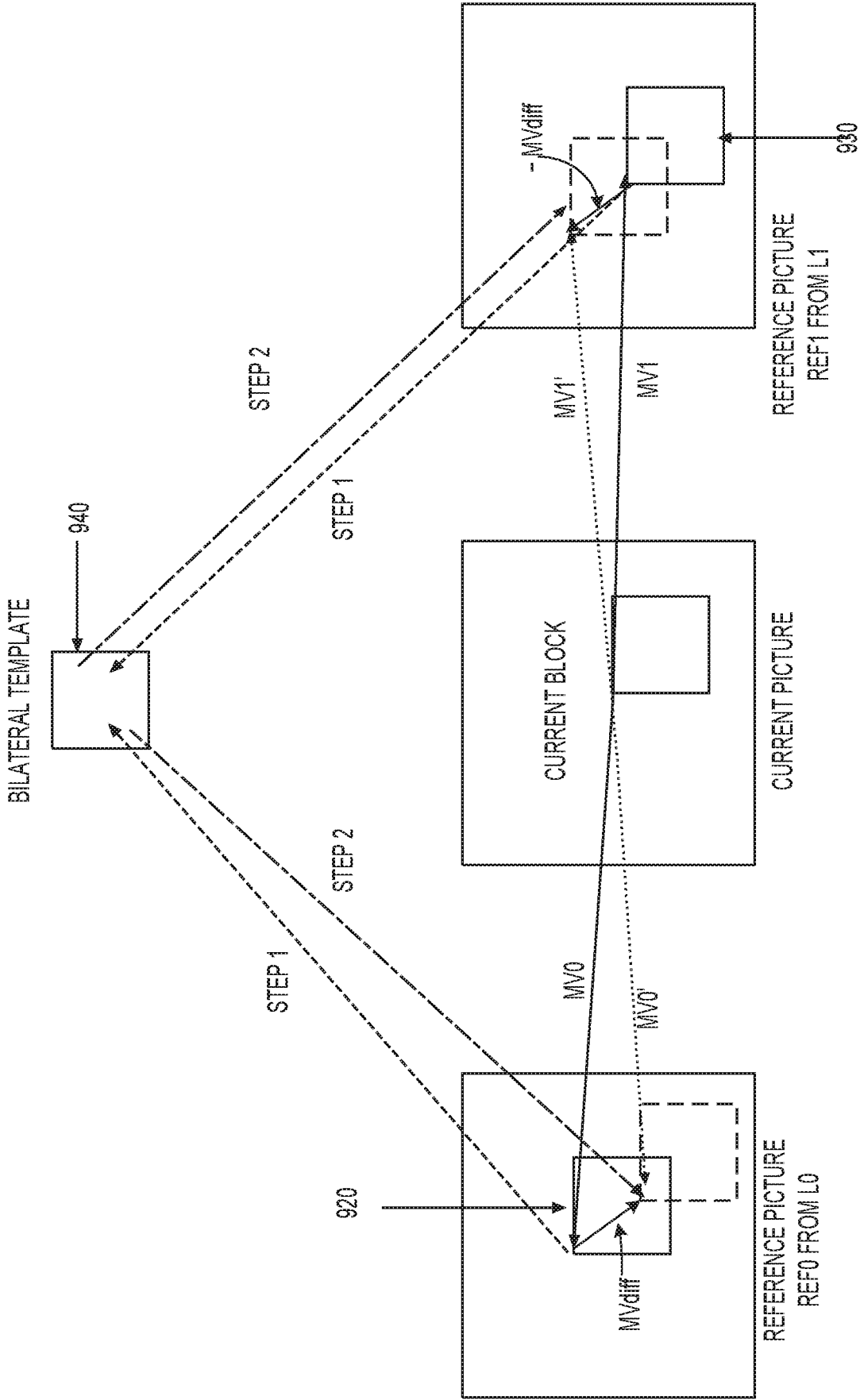


FIG. 9

TABLE 1A: BDOF CONDITIONS

-	sps_bdoof_enabled_flag is equal to 1.
-	predFlagL0[xSbldx][ySbldx] and predFlagL1[xSbldx][ySbldx] are both equal to 1.
-	$\text{DiffPicOrderCnt}(\text{currPic}, \text{RefPicList}[0][\text{refIdxL0}]) \times \text{DiffPicOrderCnt}(\text{currPic}, \text{RefPicList}[1][\text{refIdxL1}]) < 0$.
-	MotionModelIdc[xCb][yCb] is equal to 0.
-	merge_subblock_flag[xCb][yCb] is equal to 0.
-	Gbldx[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.

1010A



1020A



FIG. 10A

TABLE 1B: BDOF CONDITIONS

1010B	1020B	1030B	— 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.
			— MotionModelIdx[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_10_flag[refIdxL0] and luma_weight_11_flag[refIdxL1] are both equal to 0.
			— chroma_weight_10_flag[refIdxL0] and chroma_weight_11_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.
			— clIdx is equal to 0.

FIG. 10B

TABLE 2A: DMVR CONDITIONS

-	sps_dmvr_enabled_flag is equal to 1
-	merge_flag[xCb][yCb] is equal to 1
-	both predFlagL0[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[refIdxL0] and luma_weight_11_flag[refIdxL1] are equal to 0
-	DiffPicOrderCnt(currPic, RefPicList[0][refIdxL0]) 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

1110A

1120A

FIG. 11A

TABLE 2B: DMVR CONDITIONS

1110B	—	ph_disable_dmv_r_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.
	—	BewIdx[xCb][yCb] is equal to 0.
	—	Both luma_weight [0 flag[refIdxL0] and luma_weight [1 flag[refIdxL1] are equal to 0.
	—	Both chroma_weight [0 flag[refIdxL0] and chroma_weight [1 flag[refIdxL1] are equal to 0.
1120B	—	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.
1130B		

FIG. 11B

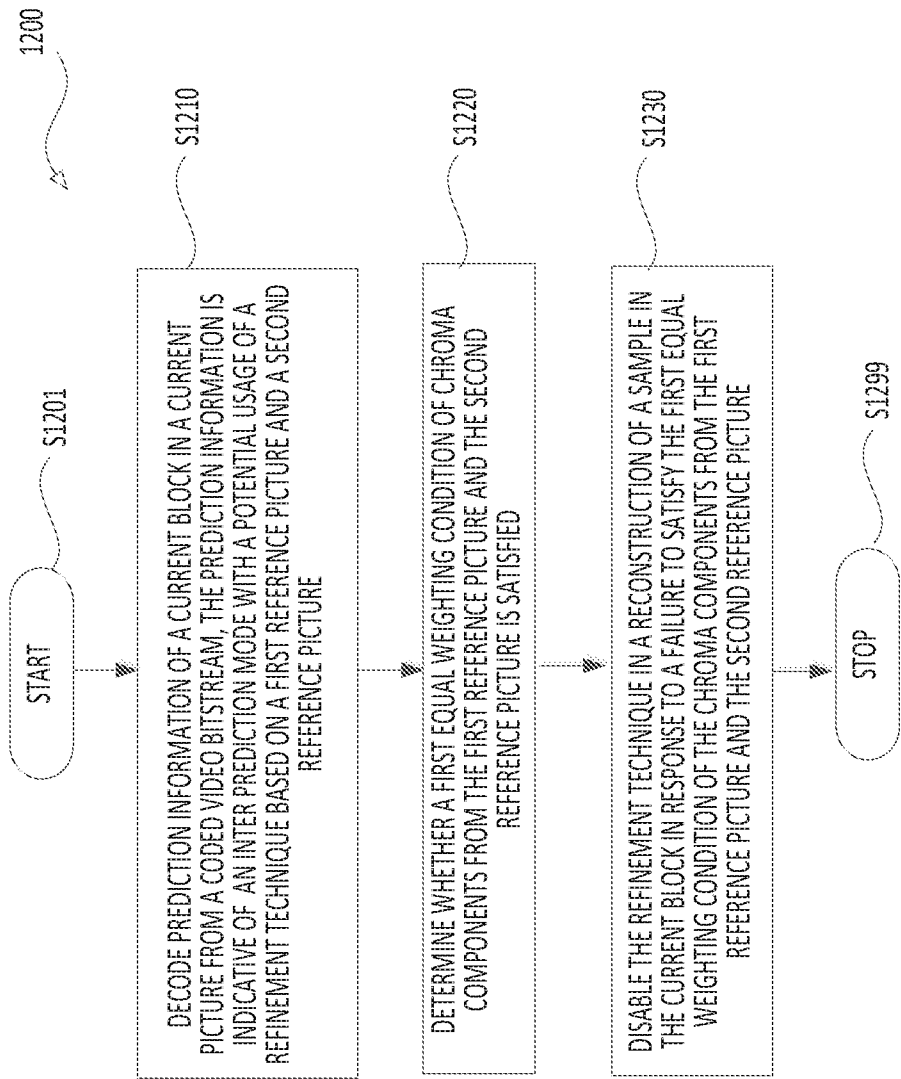


FIG. 12

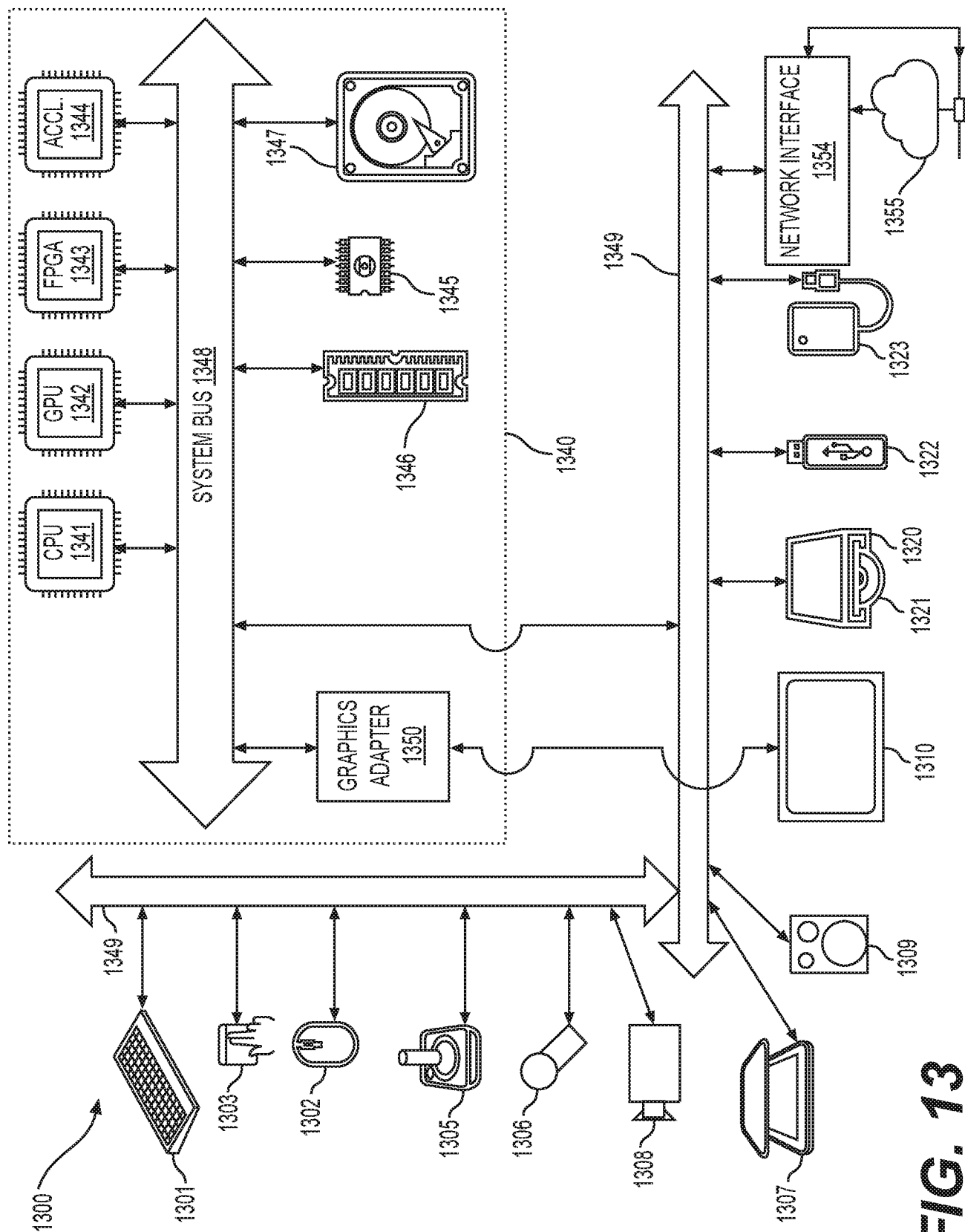


FIG. 13