

FIG. 1

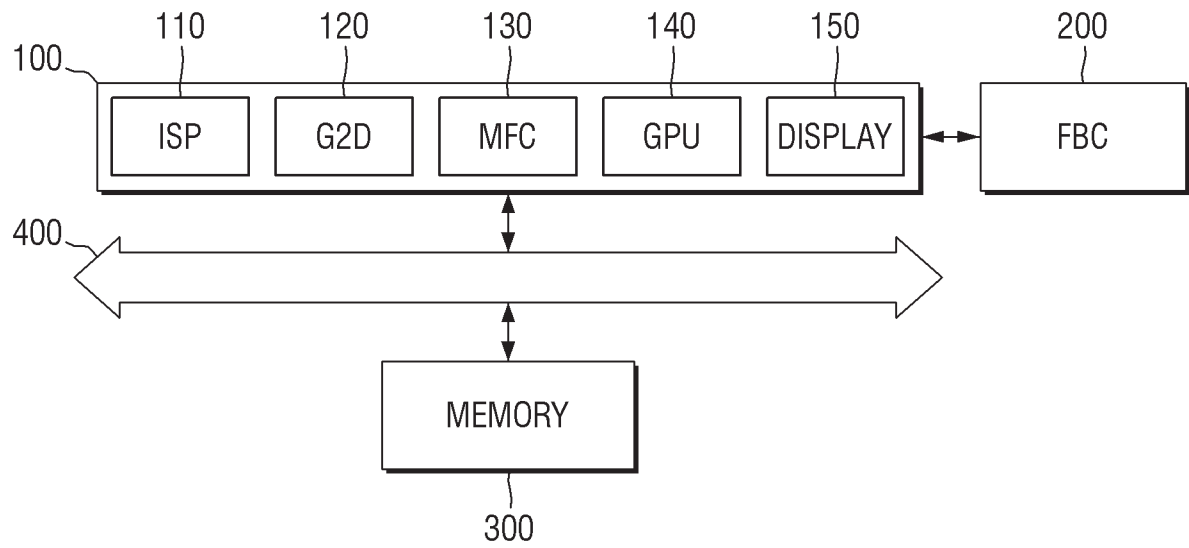


FIG. 2

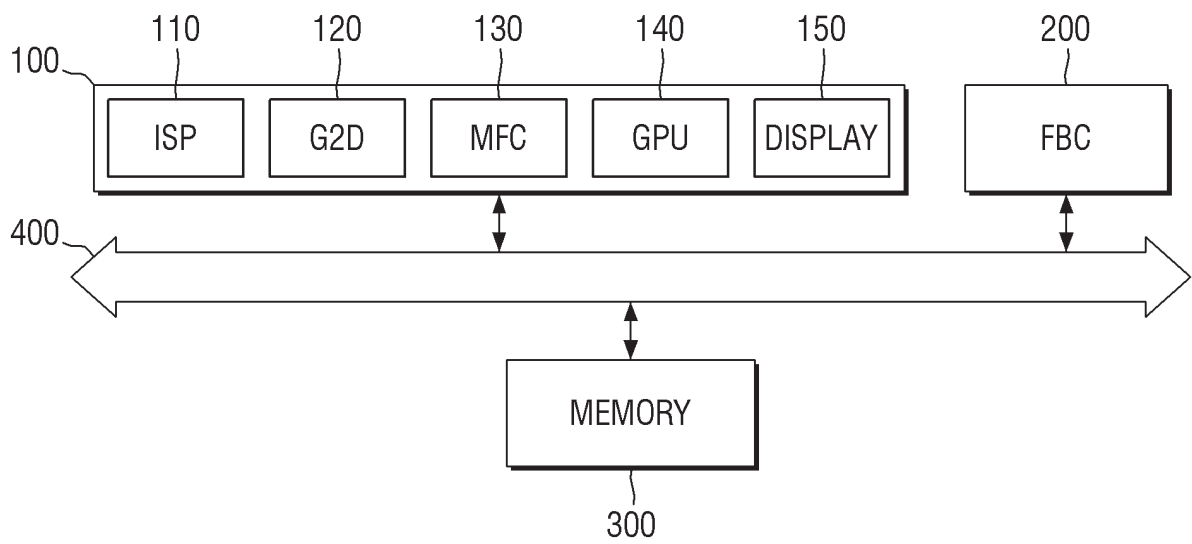


FIG. 3

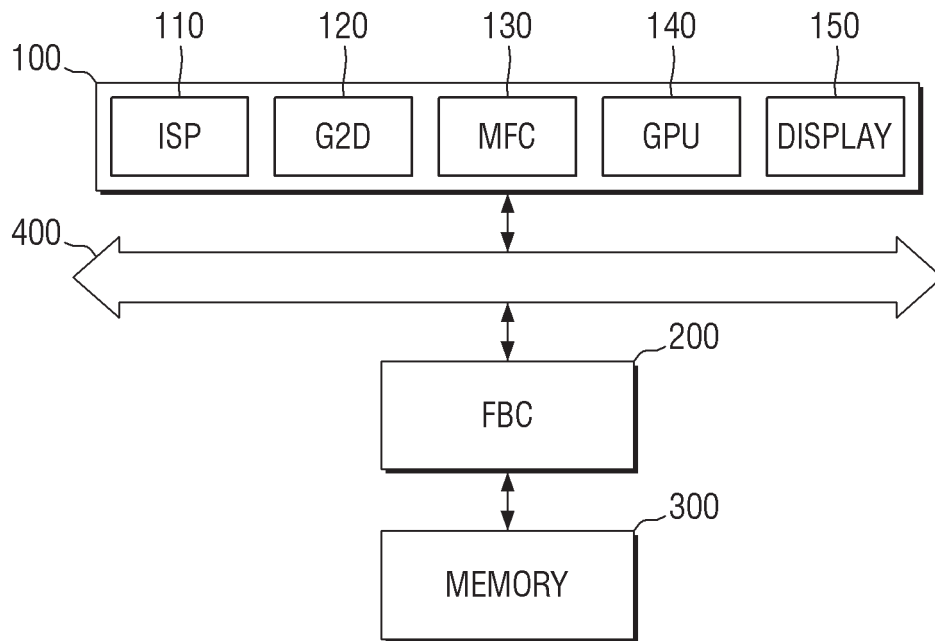


FIG. 4

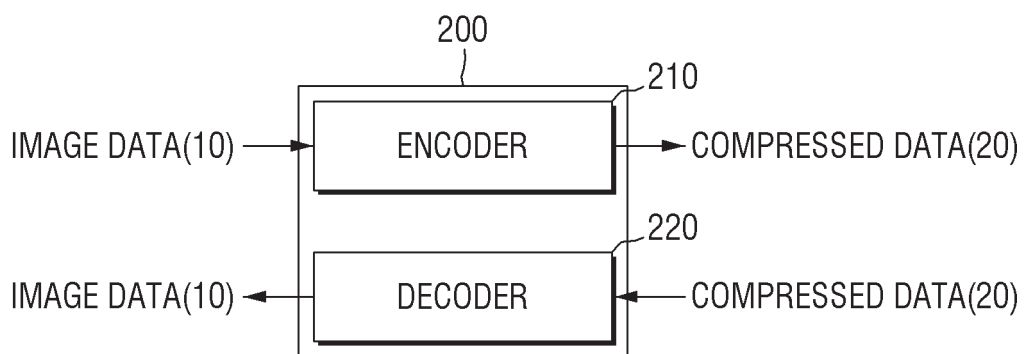


FIG. 5

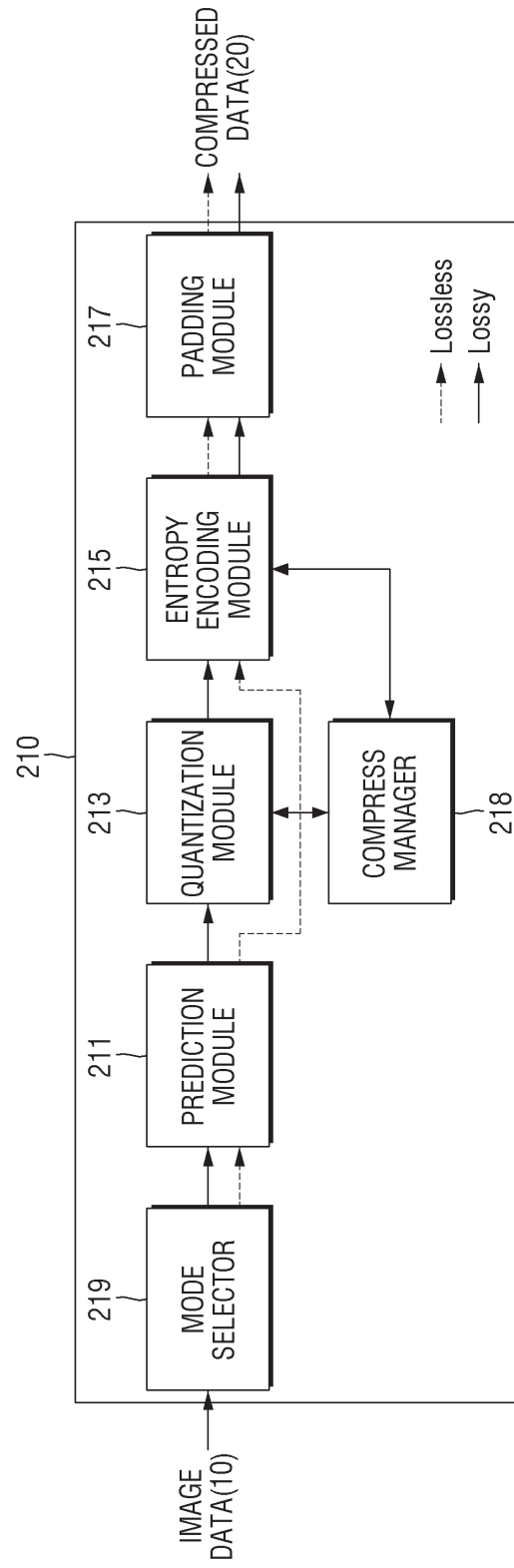


FIG. 6

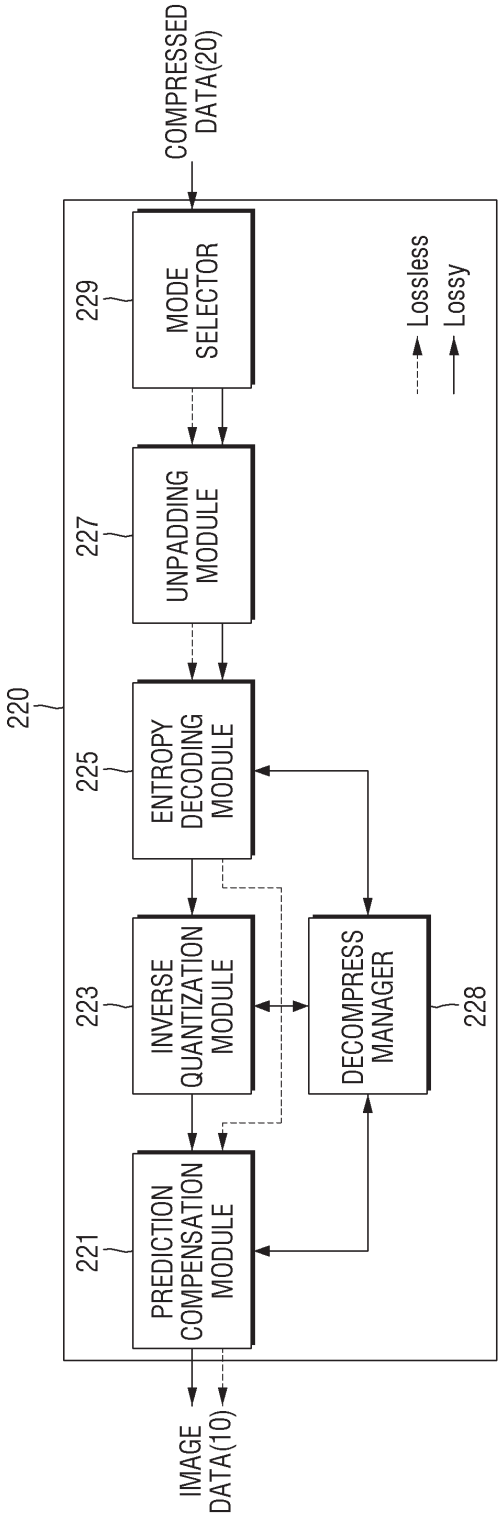


FIG. 7

QP TABLE(230)

Index	QP
0	MIN = MaxShiftValue
1	SampleValue
2	SampleValue
3	SampleValue
4	SampleValue
5	SampleValue
6	SampleValue
7	MAX = MaxShiftValue >> BitDepth X (1 - CompressionRatio)

FIG. 8

QP TABLE(232)

Index	QP
0	MIN = 4096
1	1365
2	819
3	585
4	455
5	372
6	315
7	MAX = 4096 >> 8 X (1 - 0.5) = 256

MaxShiftValue = 4096
BitDepth = 8
CompressionRatio = 0.5 (50%)

FIG. 9

QP TABLE(234)

Index	QP
0	MIN = 4096
1	819
2	455
3	293
4	216
5	171
6	146
7	MAX = 4096 >> 10 X (1 - 0.5) = 128

MaxShiftValue = 4096
BitDepth = 10
CompressionRatio = 0.5 (50%)

FIG. 10

COMPRESSED BIT STREAM(236)

4bit QP	2bit K	compressed binary
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FIG. 11

QP TABLE(240)

Index	QP
0	MIN = MaxShiftValue
1	SampleValue
2	SampleValue
3	SampleValue
4	SampleValue
5	SampleValue
6	SampleValue
7	SampleValue
8	SampleValue
9	SampleValue
10	SampleValue
11	SampleValue
12	SampleValue
13	SampleValue
14	SampleValue
15	MAX = MaxShiftValue >> BitDepth X (1 - CompressionRatio)

FIG. 12

QP TABLE(242)

Index	QP
0	MIN = 4096
1	2048
2	1365
3	1024
4	819
5	683
6	585
7	512
8	455
9	410
10	372
11	341
12	315
13	293
14	273
15	MAX = 4096 >> 8 X (1 - 0.5) = 256

MaxShiftValue = 4096
BitDepth = 8
CompressionRatio = 0.5 (50%)

FIG. 13

QP TABLE(244)

Index	QP
0	MIN = 4096
1	1365
2	819
3	585
4	455
5	372
6	315
7	273
8	228
9	205
10	186
11	171
12	158
13	146
14	137
15	MAX = 4096 >> 10 X (1 - 0.5) = 128

MaxShiftValue = 4096
BitDepth = 10
CompressionRatio = 0.5 (50%)

FIG. 14

COMPRESSED BIT STREAM(246)

4bit QP	2bit K	compressed binary
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FIG. 15

Num of QP	Num of K	Num of data	PSNR gain(dB)
12	8	96	+0.1 ~ +0.2
12	4	48	-0.1 ~ -0.4
12	1	12	-3.5 ~ -6
8	8	64	-0.3 ~ -2.2
8	4	32	-0.6 ~ -2.7
8	1	8	-3.8 ~ -8.2

FIG. 16

