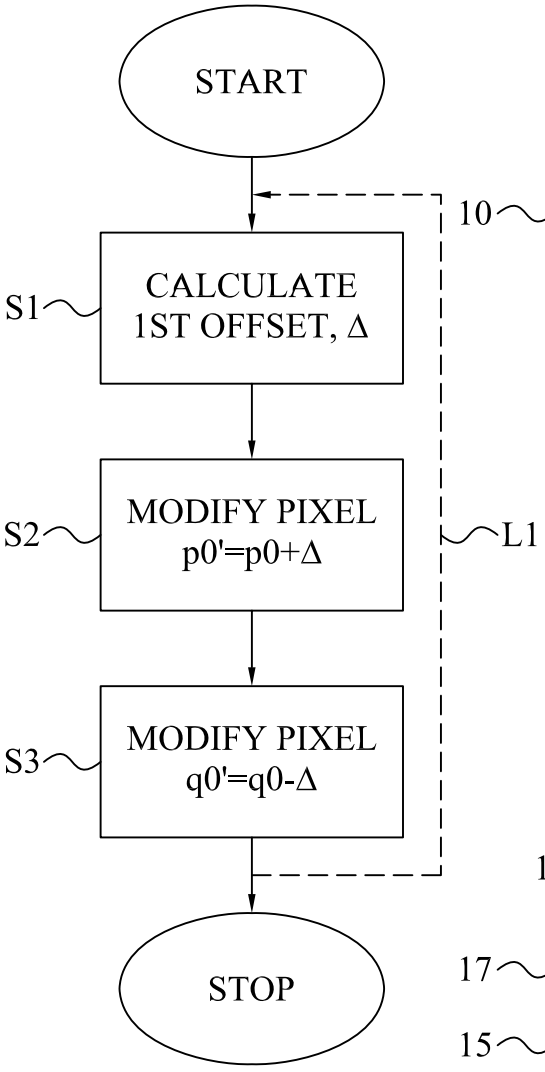


Fig. 1

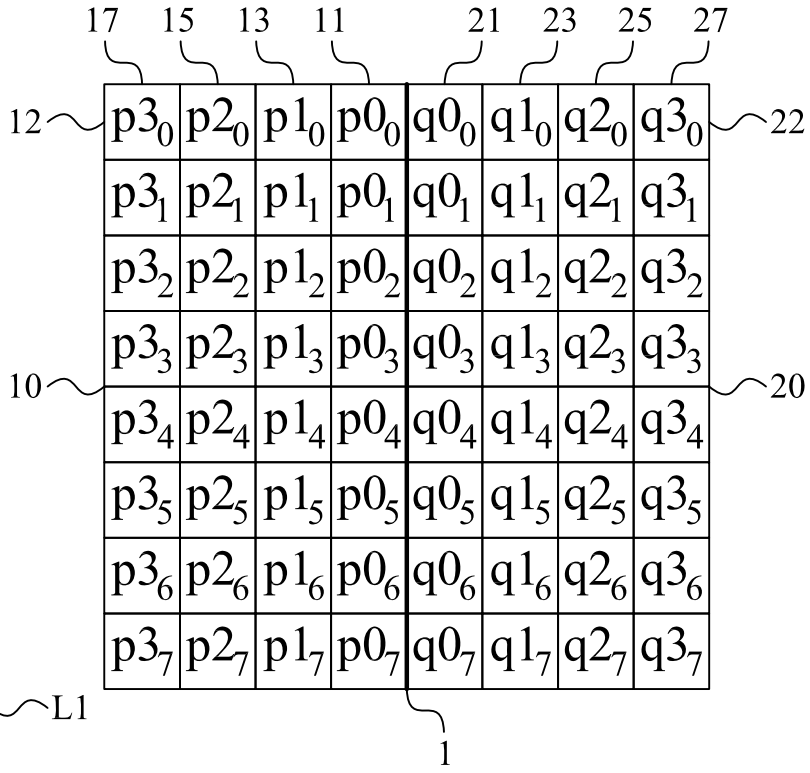


Fig. 2A

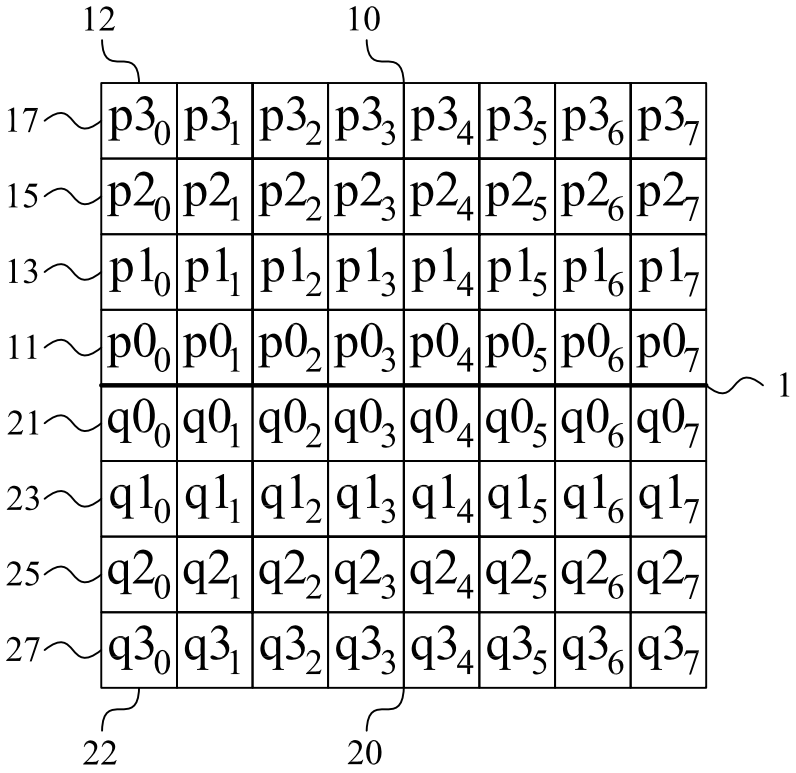


Fig. 2B

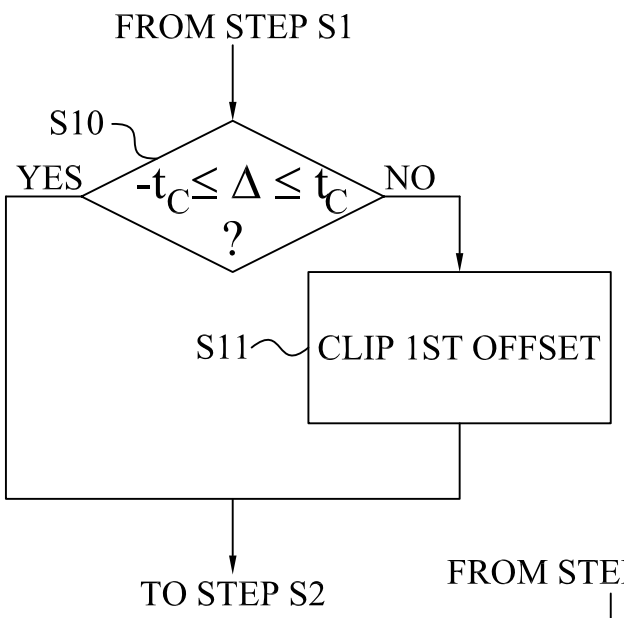


Fig. 3

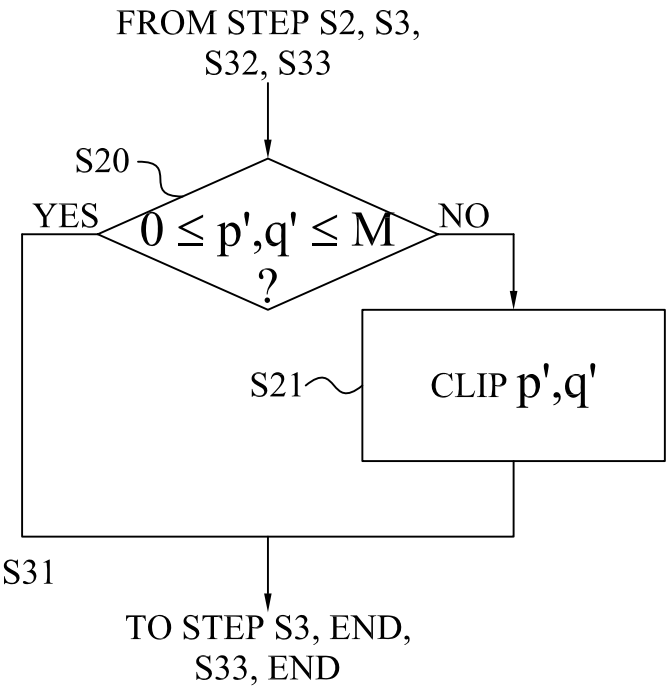


Fig. 4

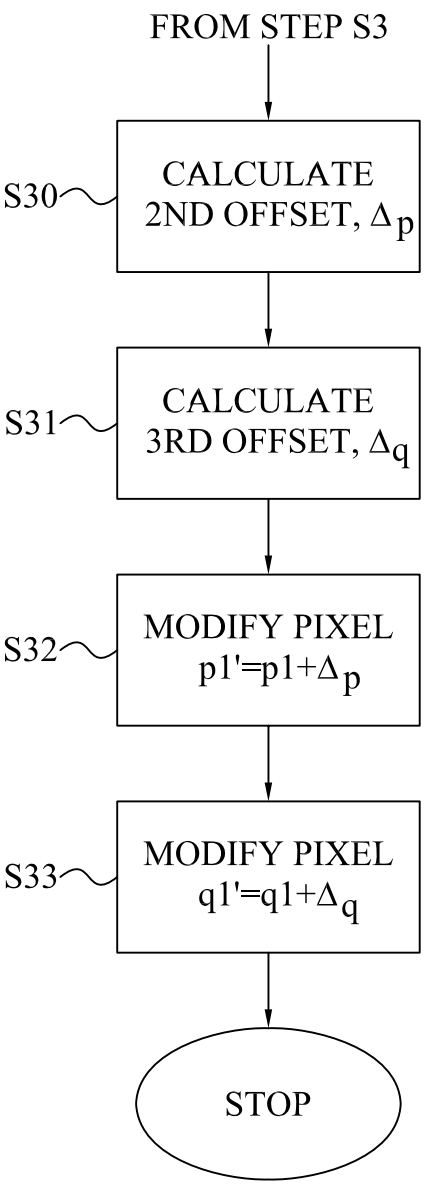


Fig. 5

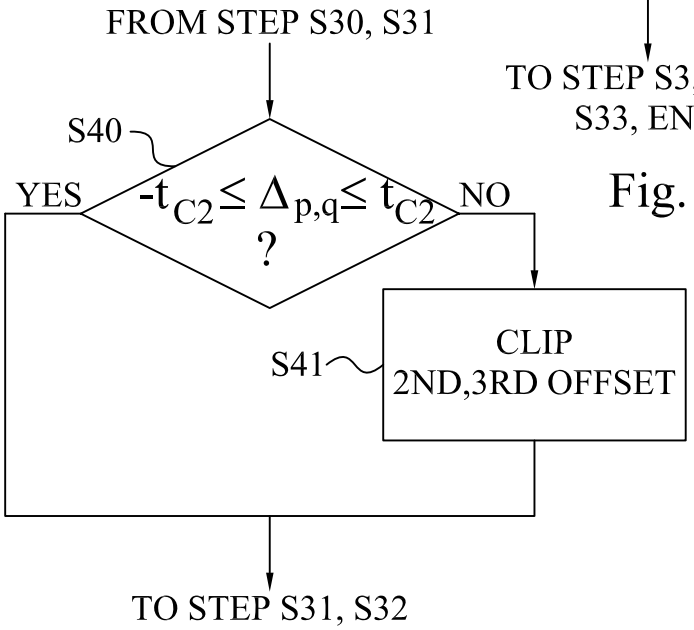


Fig. 6

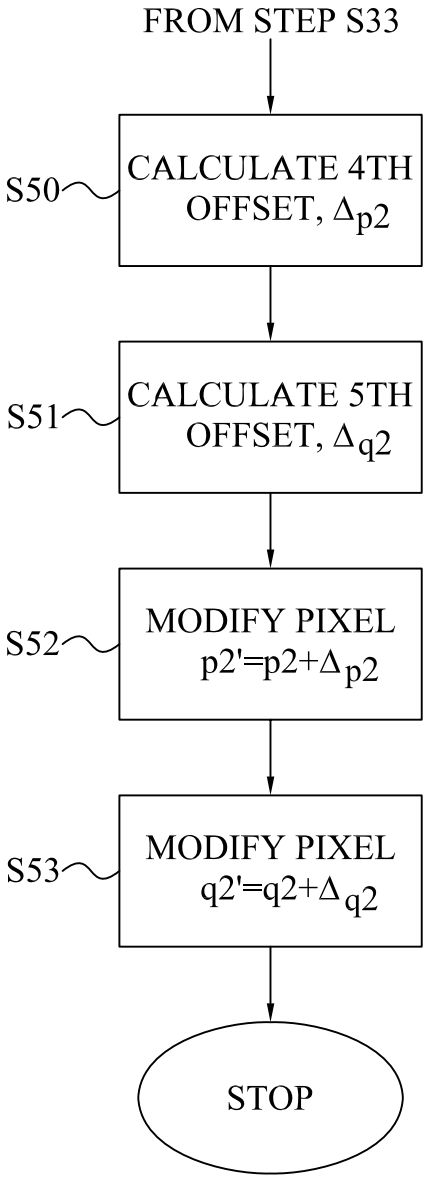


Fig. 7

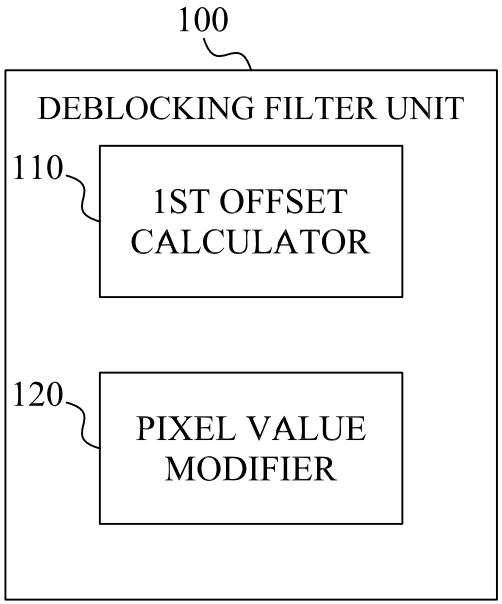


Fig. 8

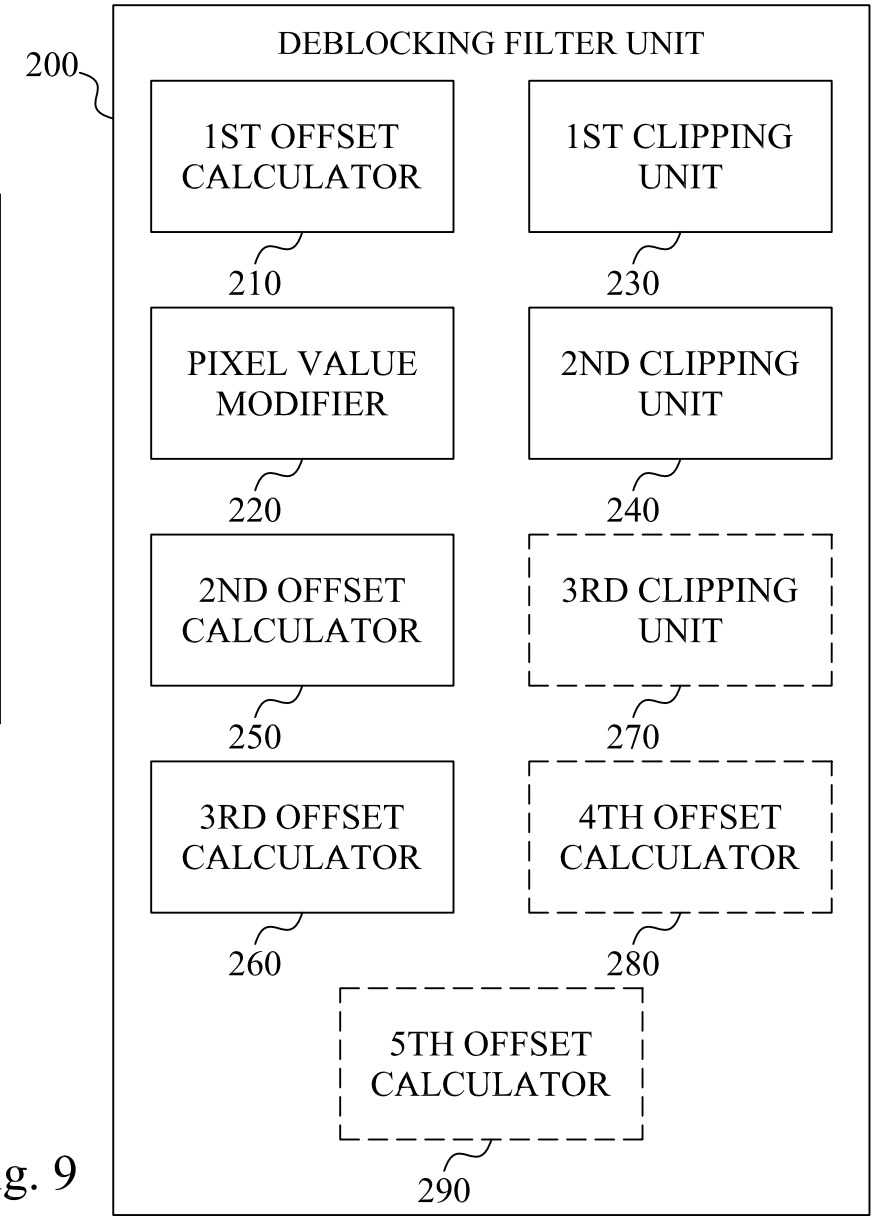


Fig. 9

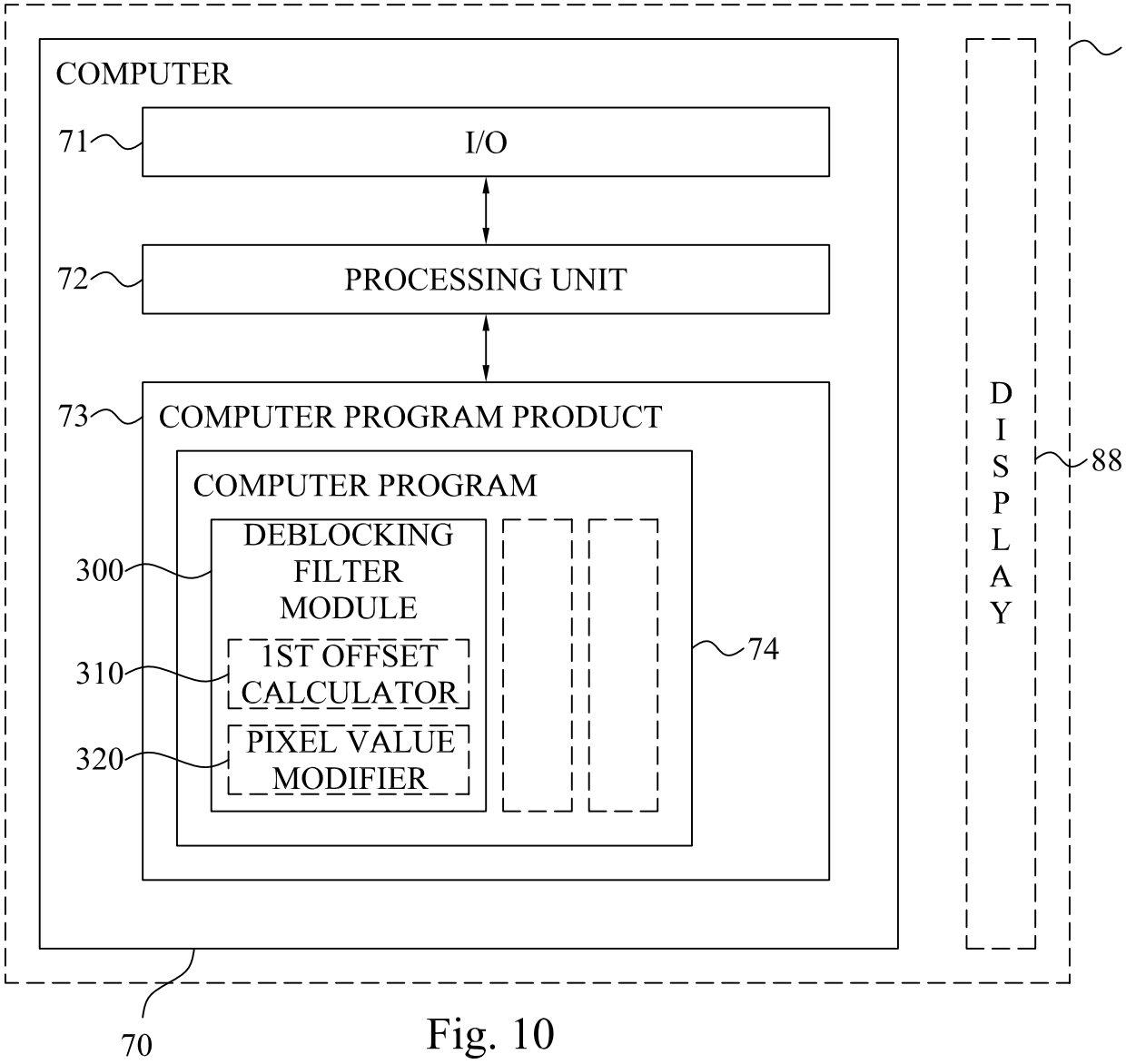

COMPUTER
71
I/O
72
PROCESSING UNIT
73
COMPUTER PROGRAM PRODUCT
COMPUTER PROGRAM
300
DEBLOCKING FILTER MODULE
310
1ST OFFSET CALCULATOR
320
PIXEL VALUE MODIFIER
74
DISPLAY
80
88
70

Fig. 10

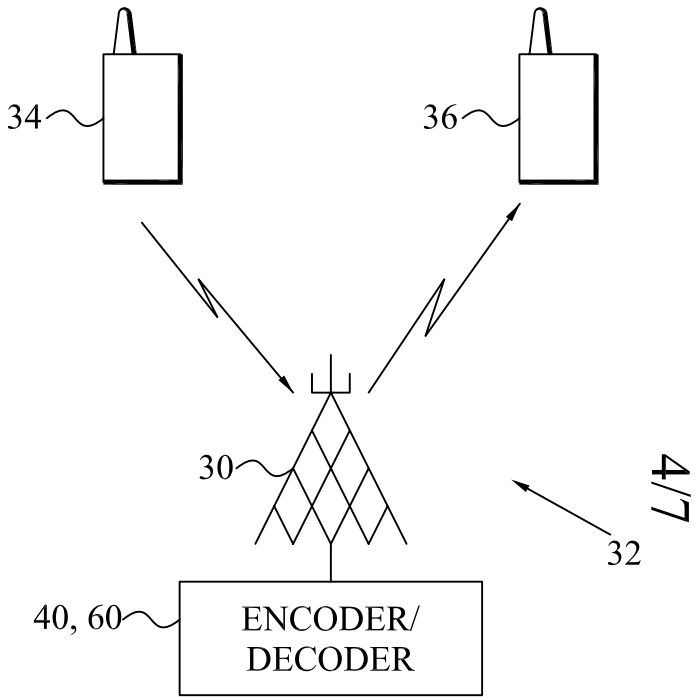

34
36
30
32
40, 60
ENCODER/ DECODER

Fig. 14

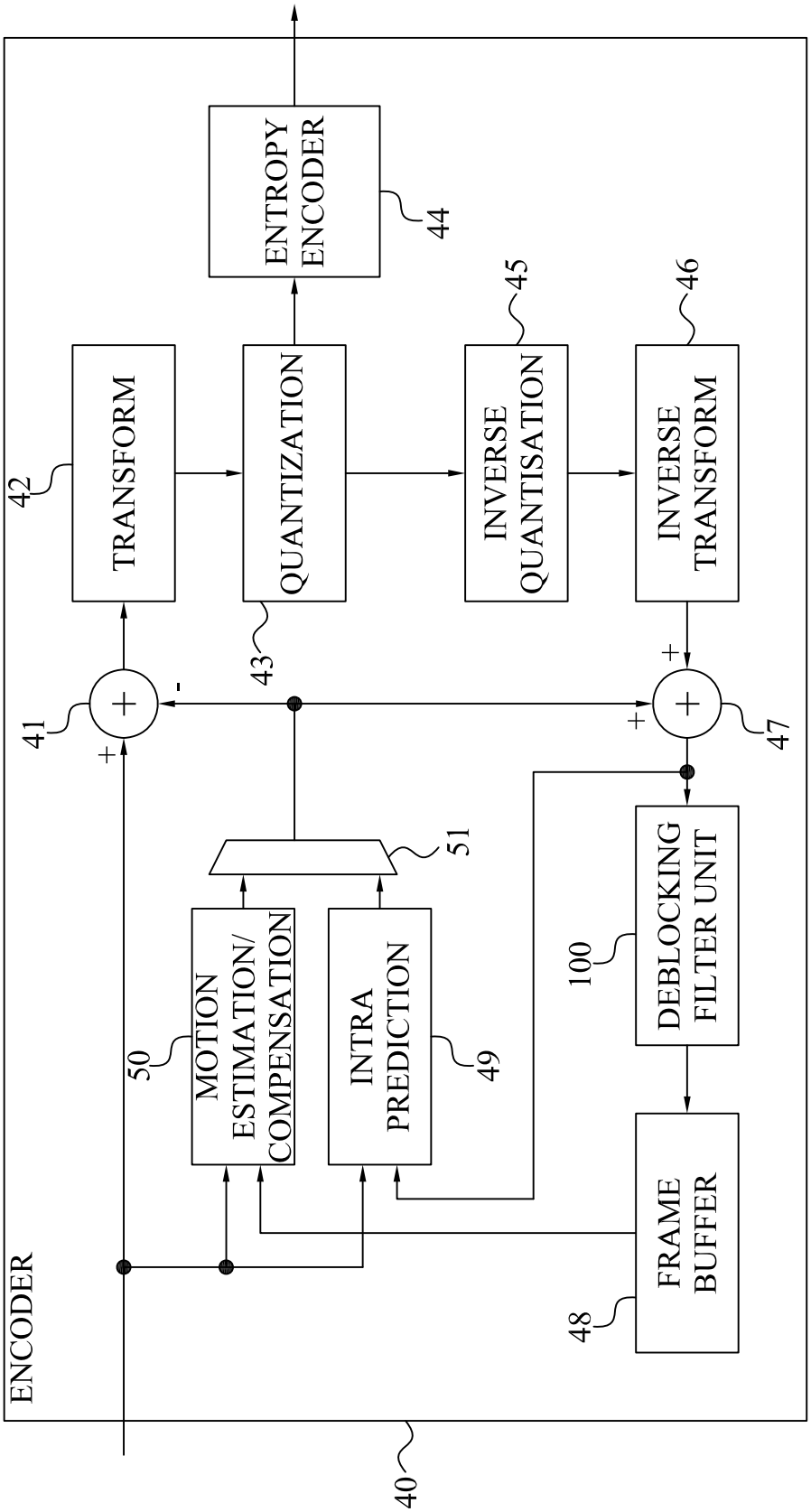

ENCODER
40
41
42
TRANSFORM
43
QUANTIZATION
44
ENTROPY ENCODER
45
INVERSE QUANTISATION
46
INVERSE TRANSFORM
47
48
FRAME BUFFER
49
INTRA PREDICTION
50
MOTION ESTIMATION/ COMPENSATION
51
100
DEBLOCKING FILTER UNIT
+
-

Fig. 11

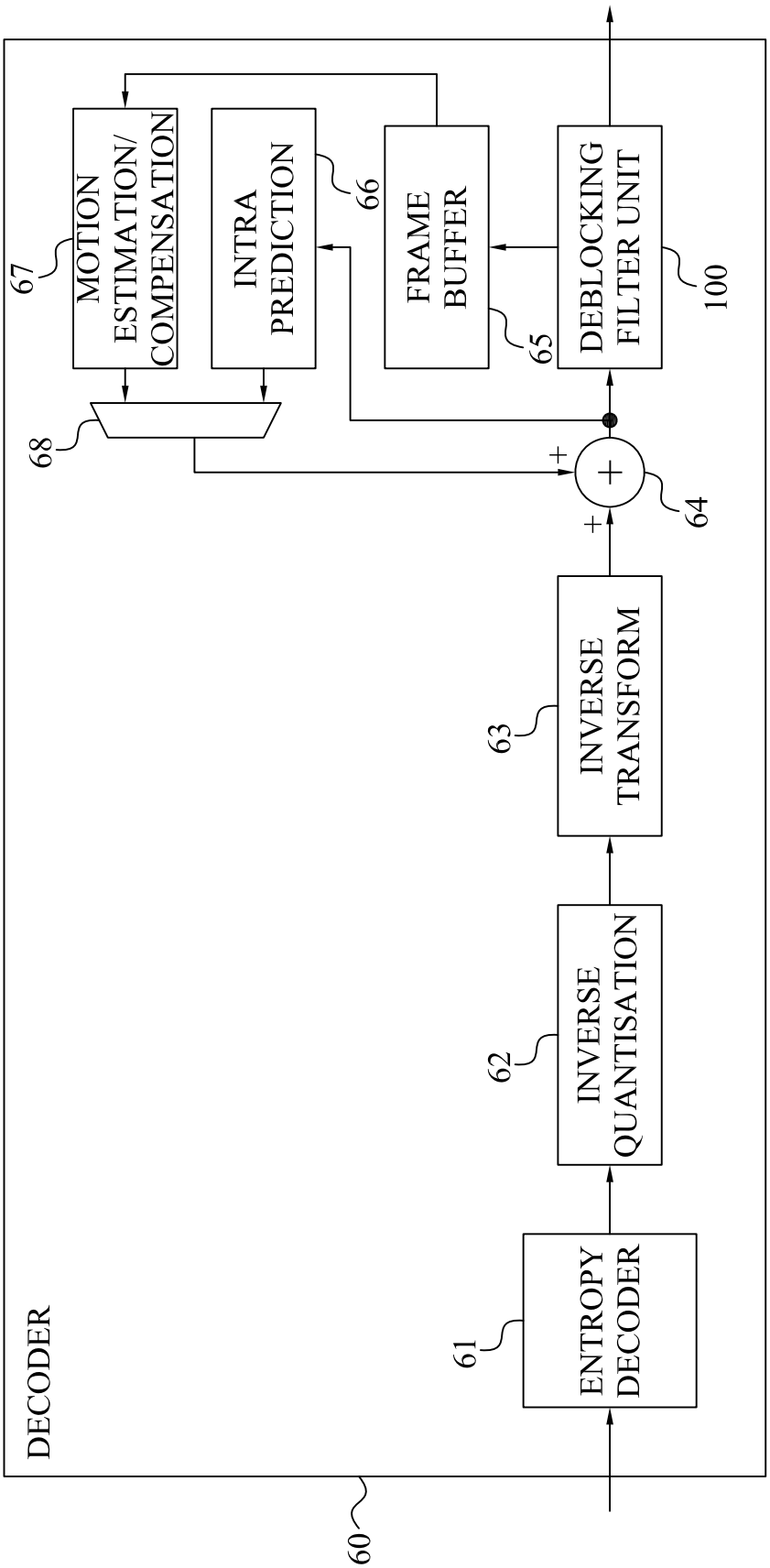

DECODER
60
ENTROPY DECODER
61
INVERSE QUANTISATION
62
INVERSE TRANSFORM
63
+
+
64
DEBLOCKING FILTER UNIT
100
FRAME BUFFER
65
INTRA PREDICTION
66
MOTION ESTIMATION/ COMPENSATION
67
68

Fig. 12

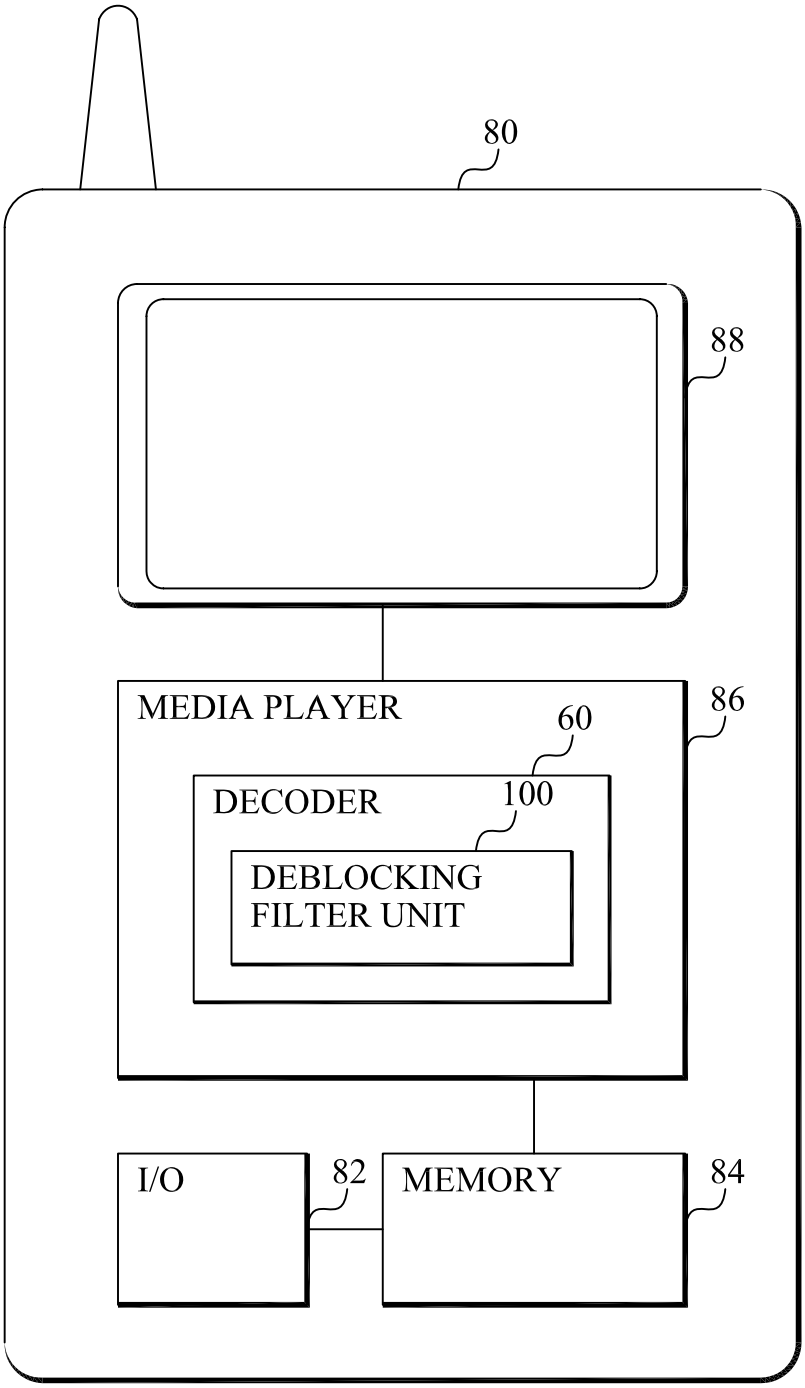

80
88
MEDIA PLAYER
86
60
DECODER
100
DEBLOCKING
FILTER UNIT
I/O
82
MEMORY
84

Fig. 13