

FIG.1

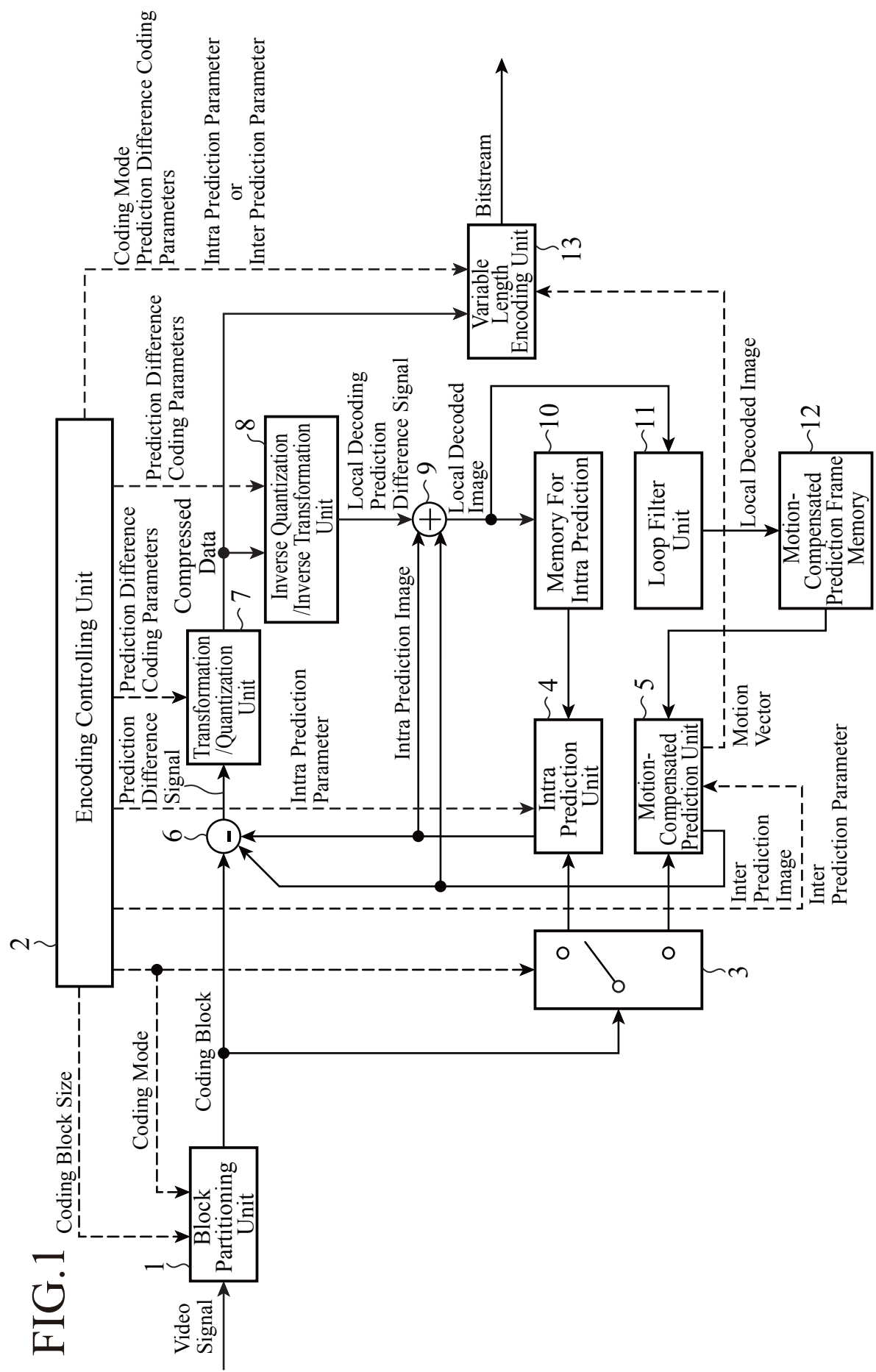


FIG.2

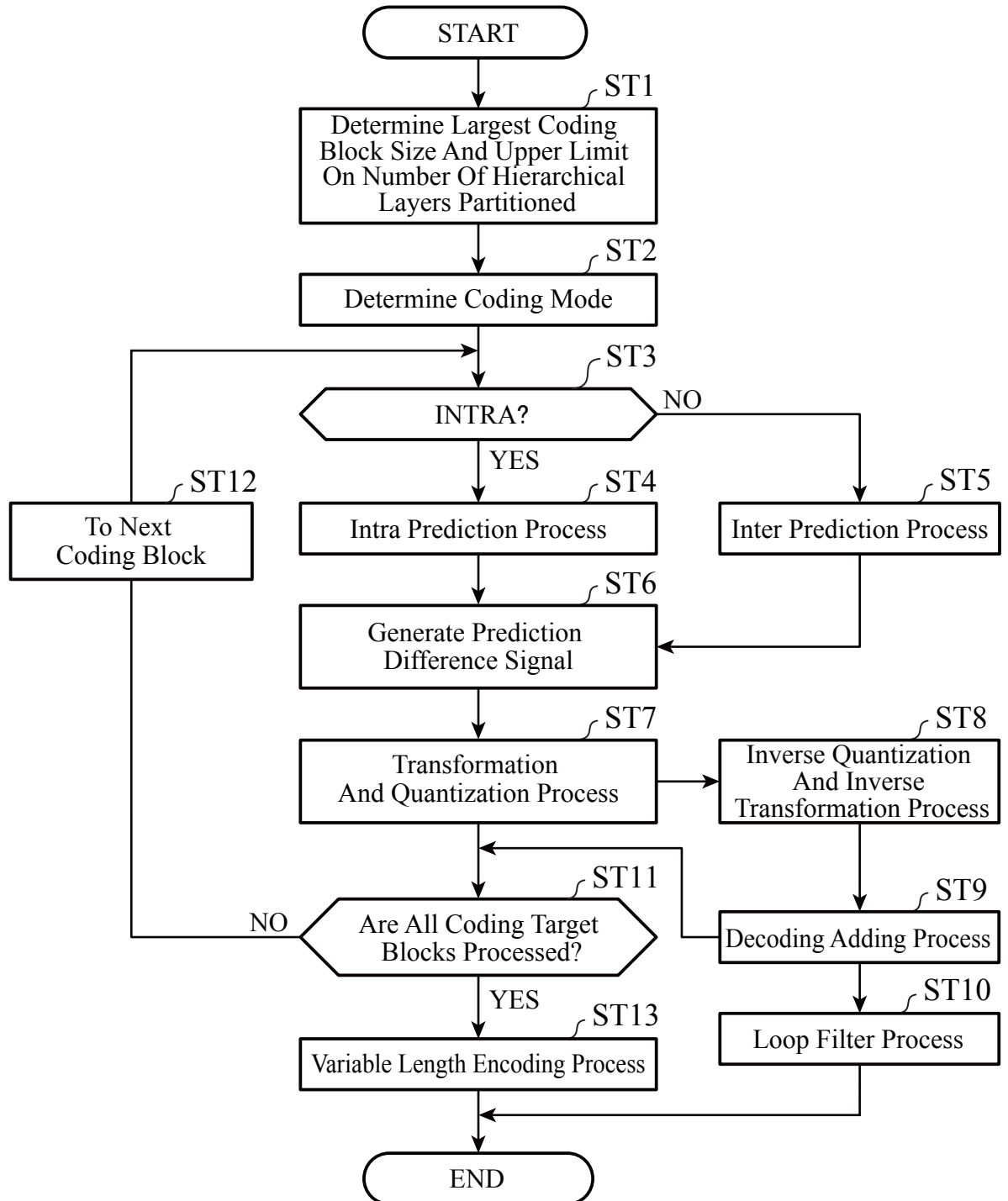


FIG.3

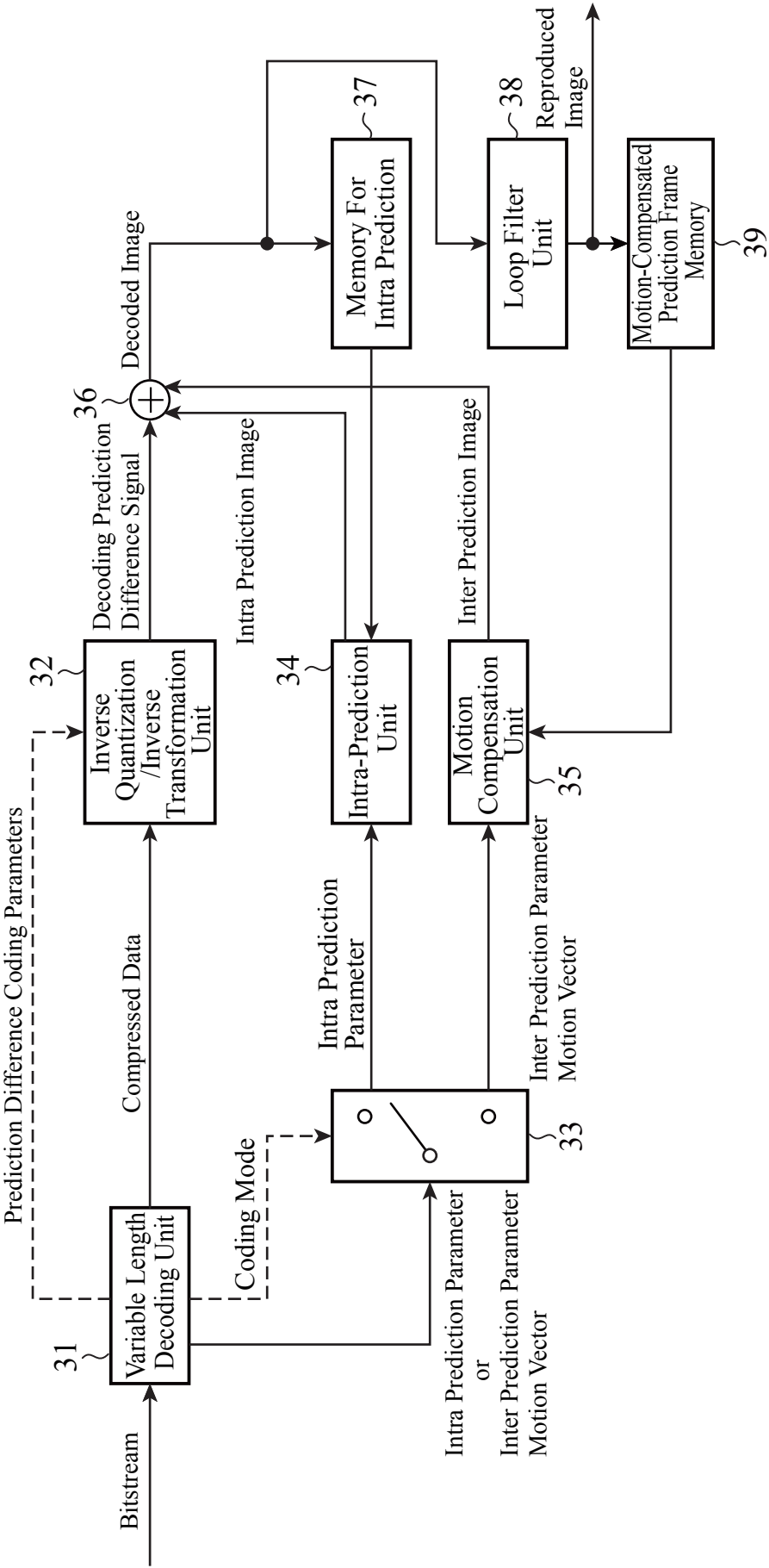


FIG.4

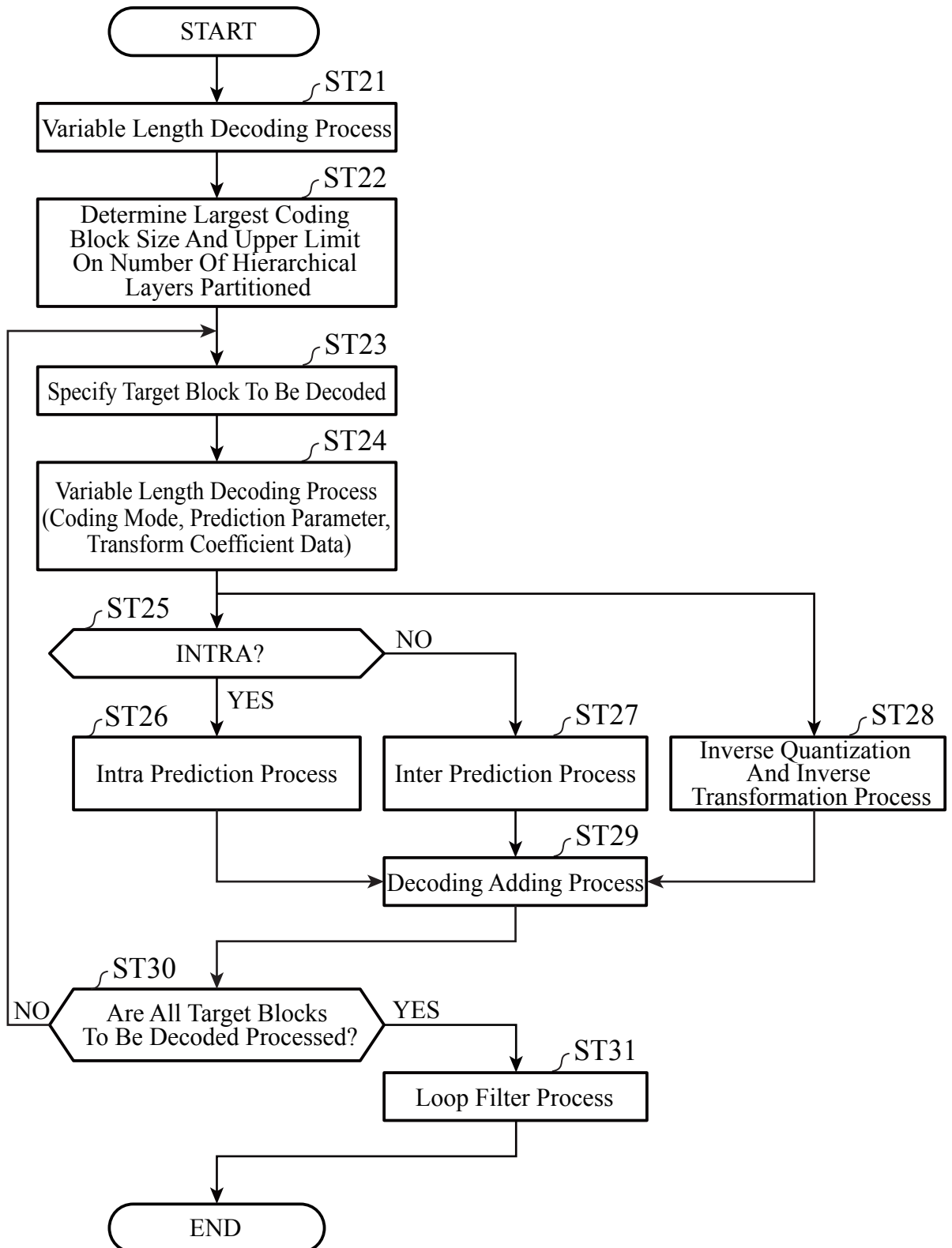


FIG.5

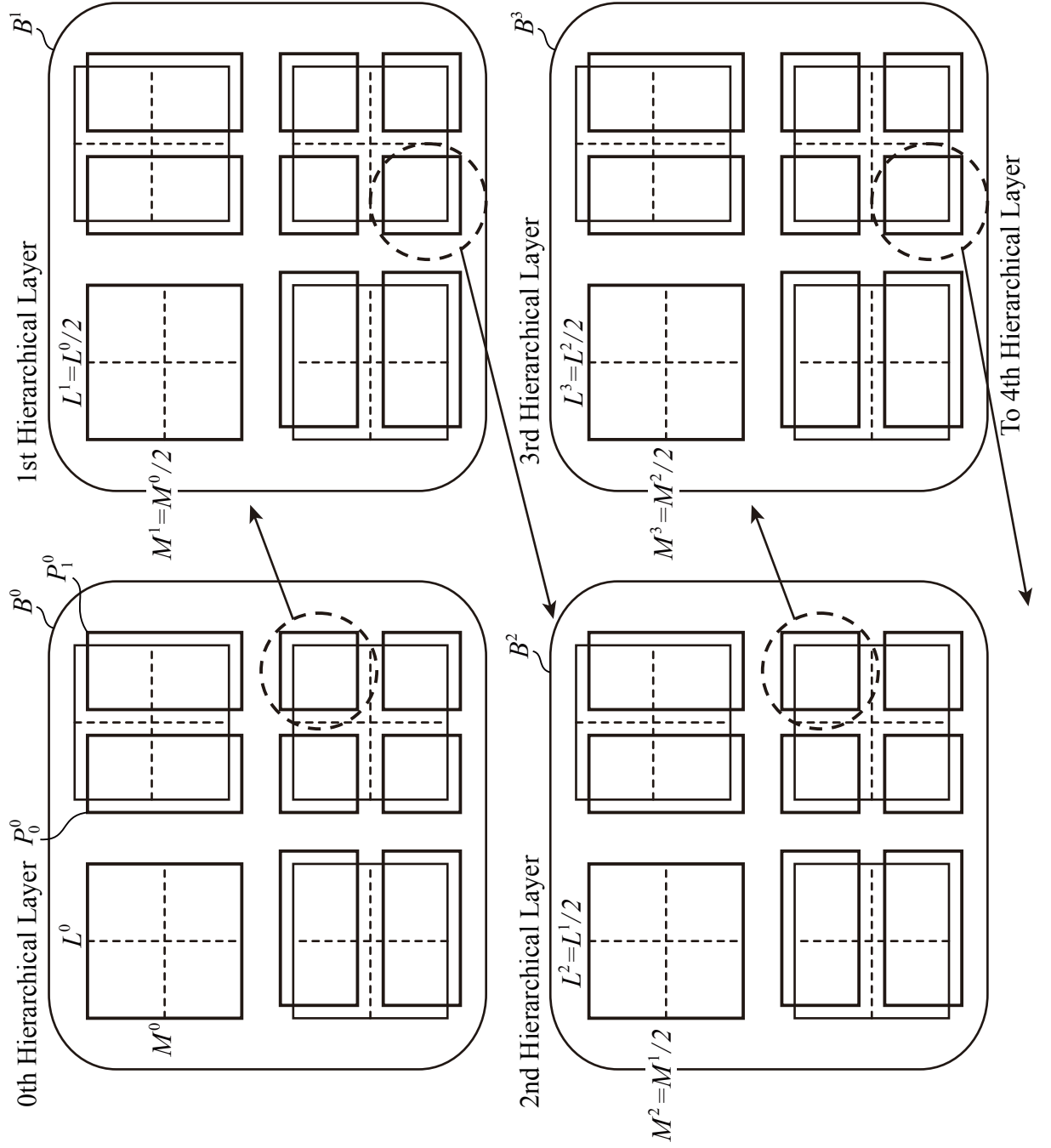


FIG. 6

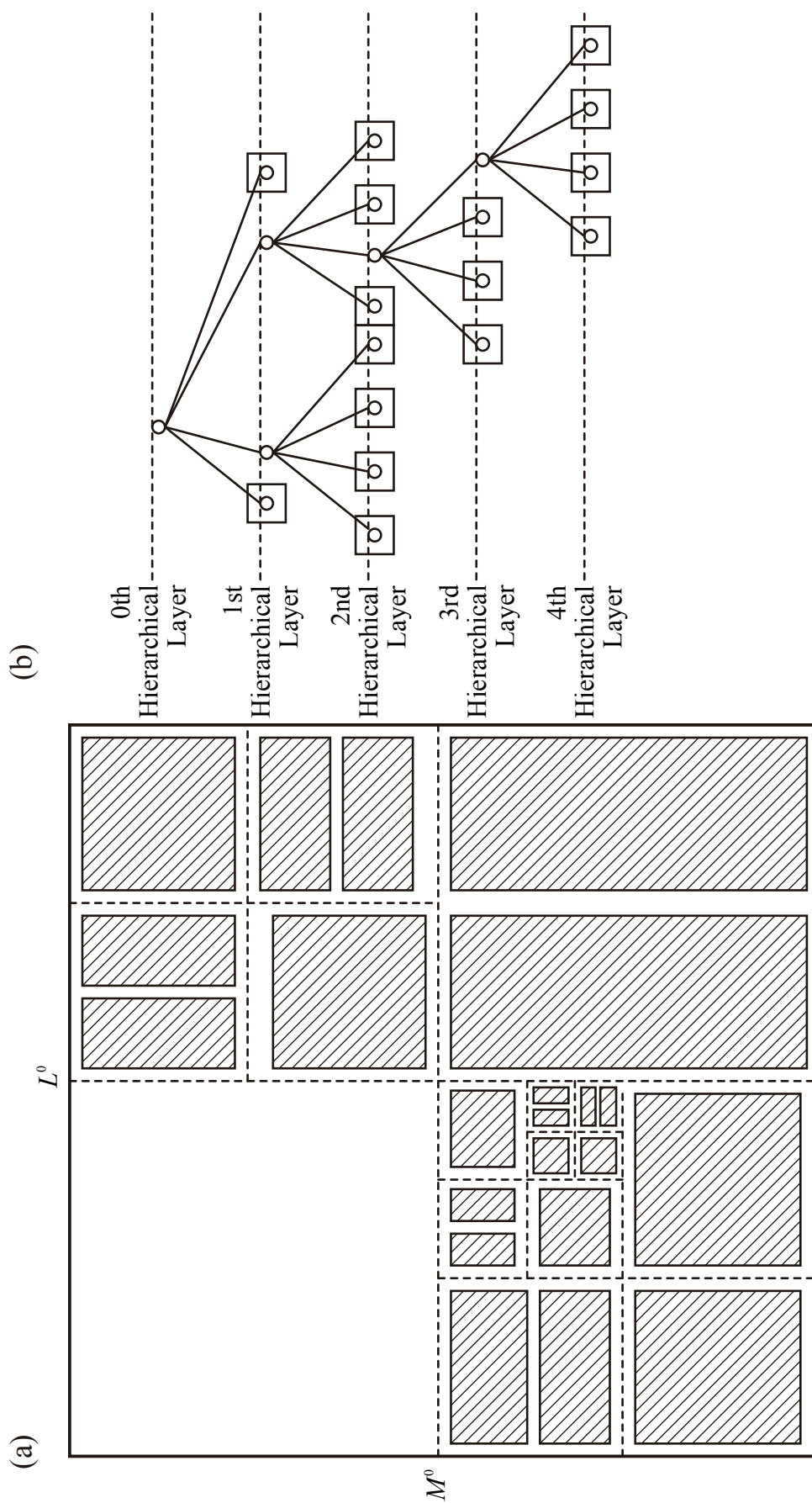


FIG.7

Intra Prediction Mode Index	Intra Prediction Mode
0	Planar Prediction
1	Vertical Prediction
2	Horizontal Prediction
3	Average (DC) Prediction
4 ~ N_I-1	Diagonal Prediction

N_I : Intra Prediction Mode Number

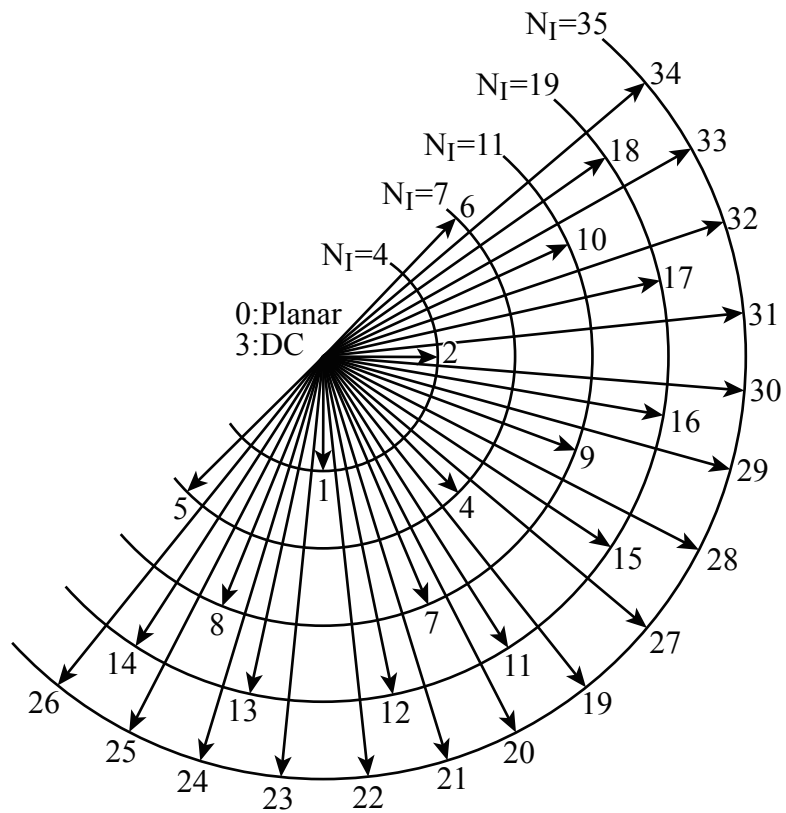


FIG.8

In Case of $l_i^n = m_i^n = 4$

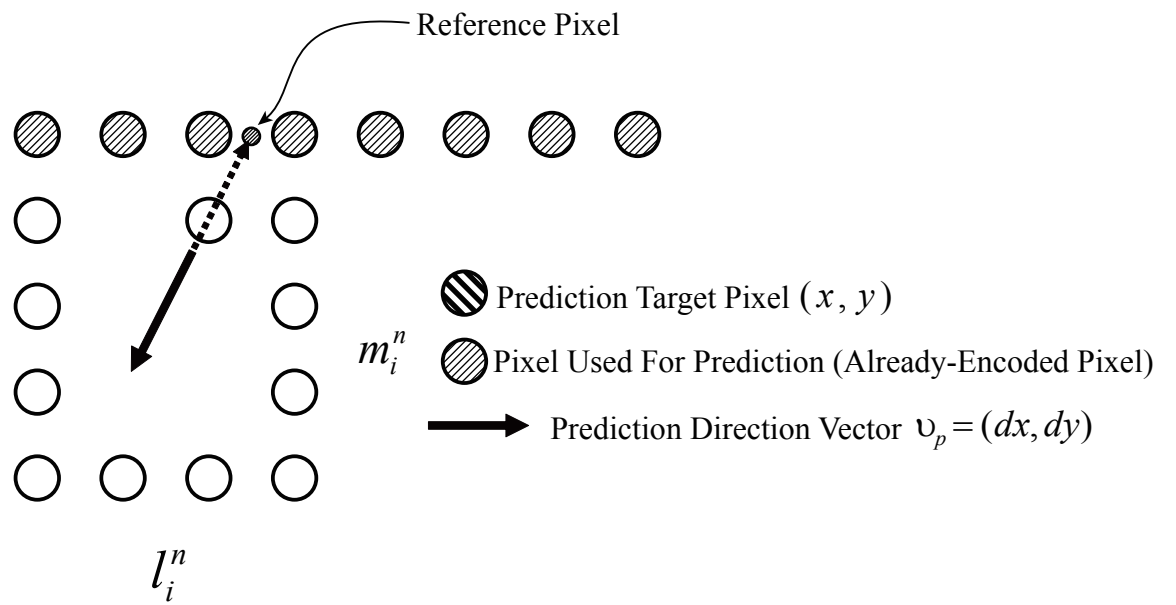


FIG.9

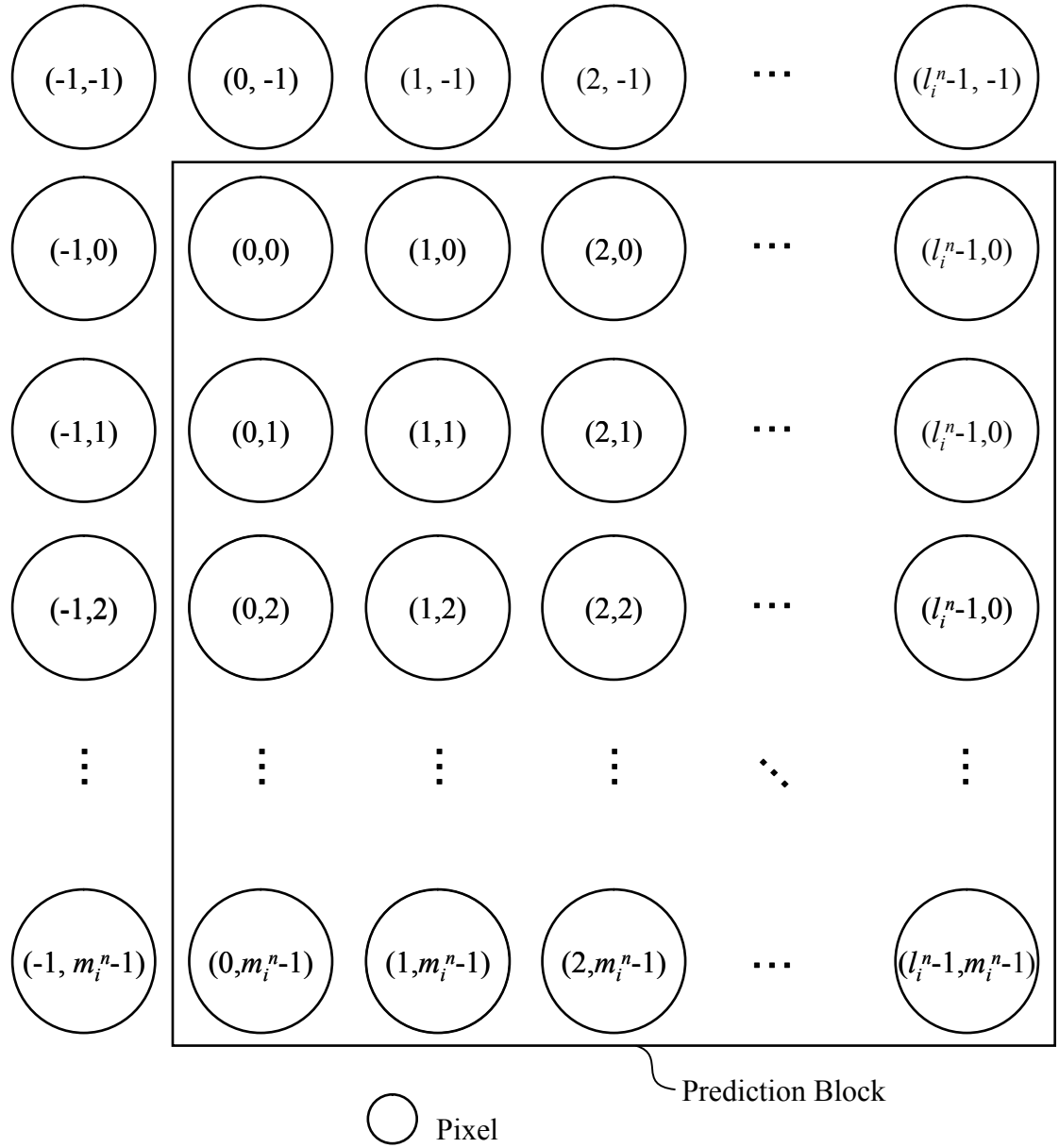


FIG.10

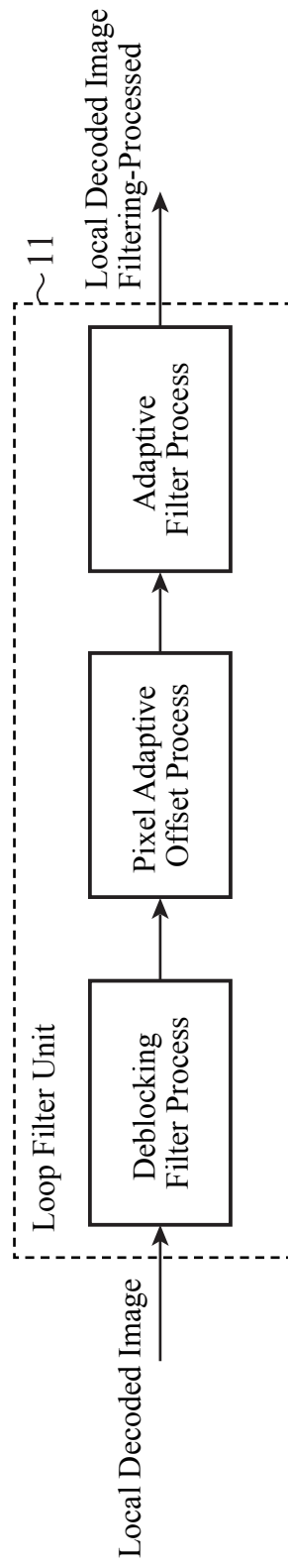


FIG.11

0	1	1	2	Class Number (Filter Number) ...
1	7	0	8	...
12	7	8	8	Largest Coding Block ...
⋮	⋮	⋮	⋮	

FIG.12

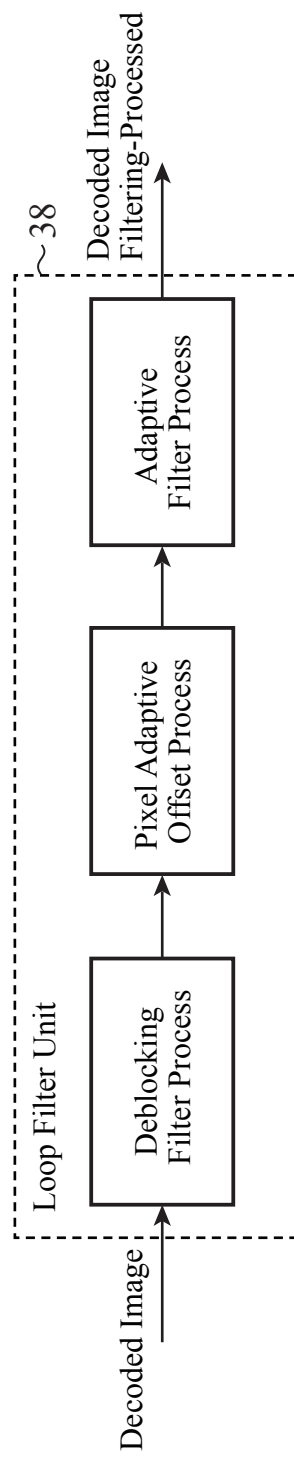


FIG.13

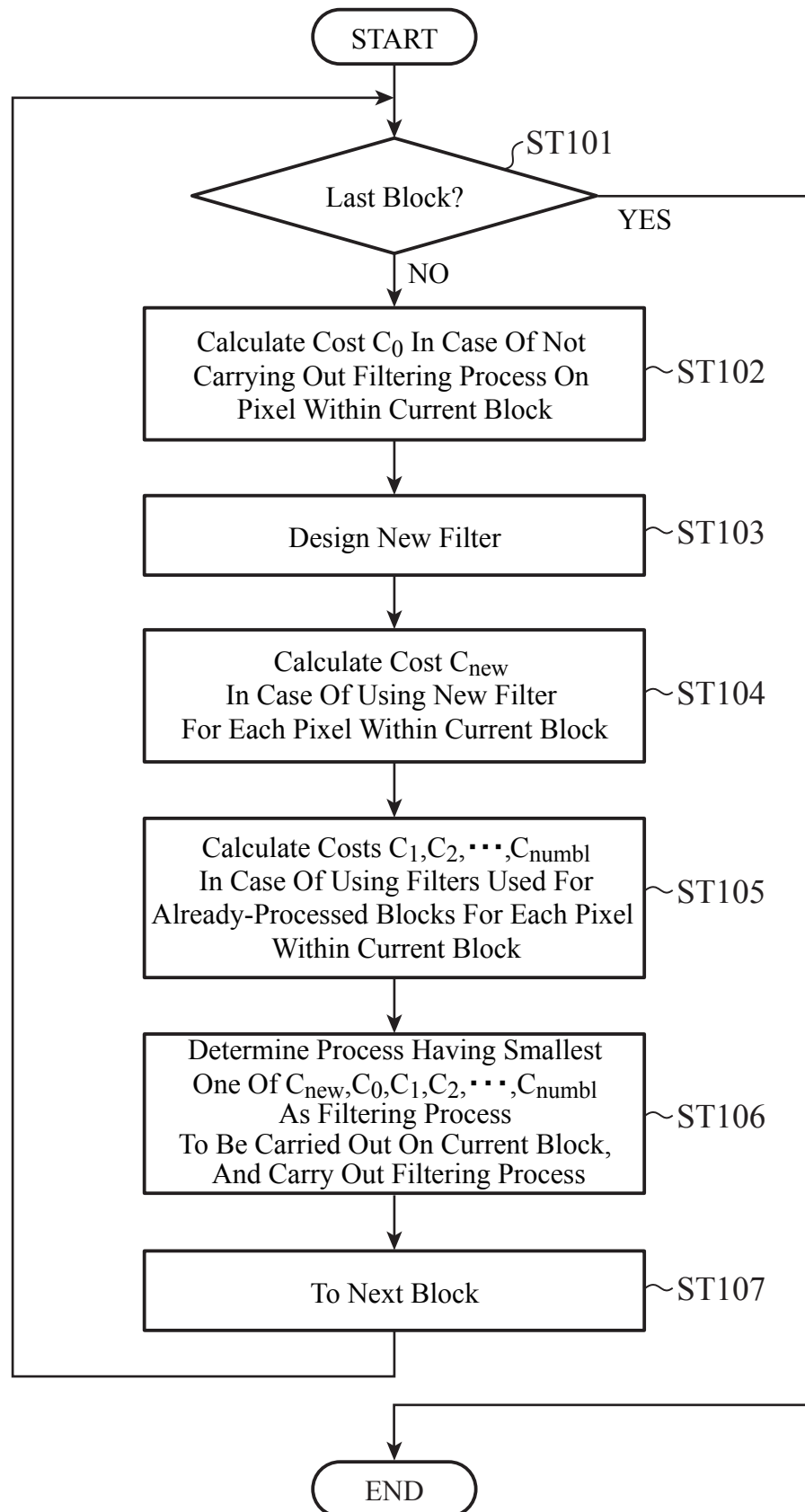


FIG.14

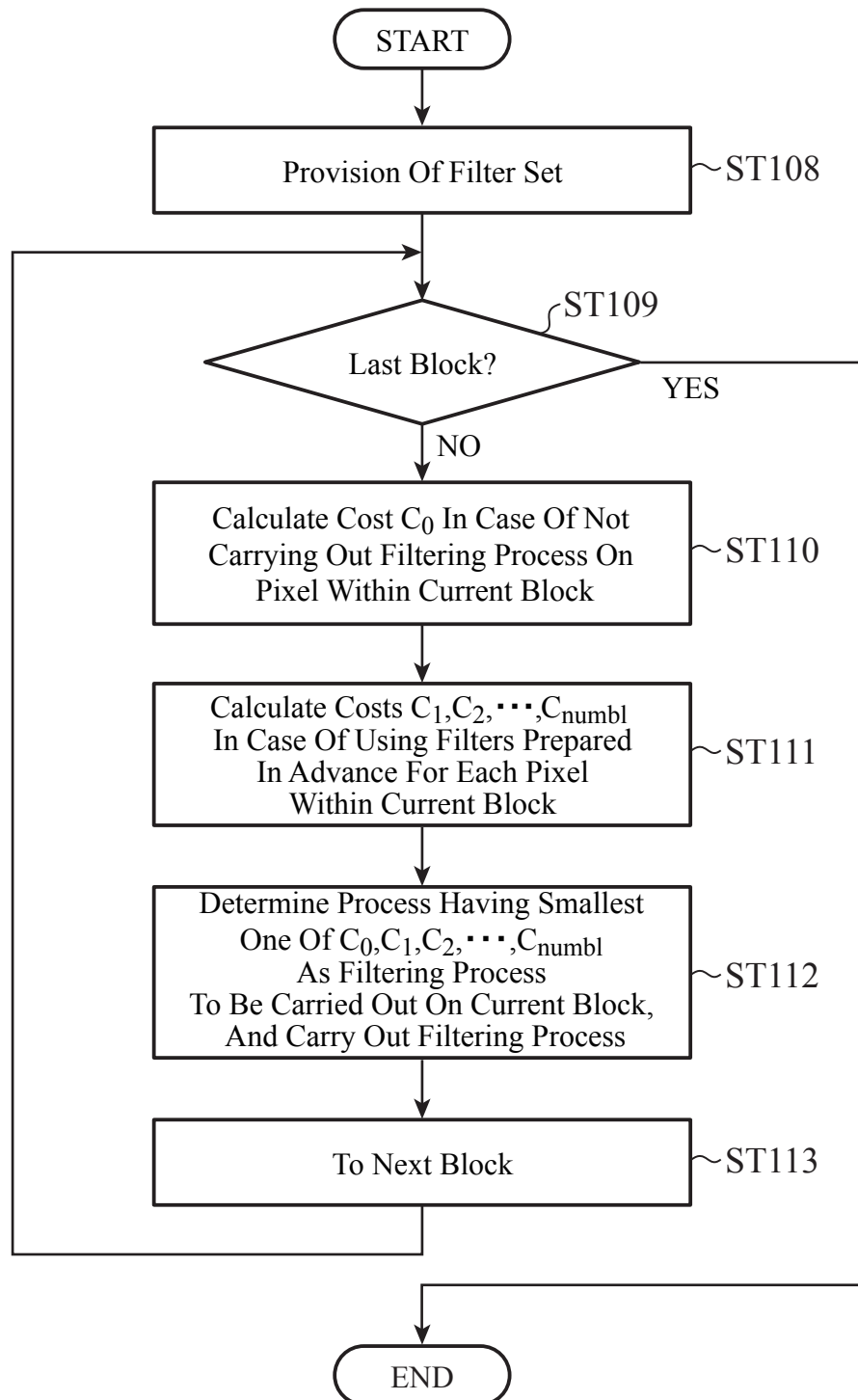


FIG.15

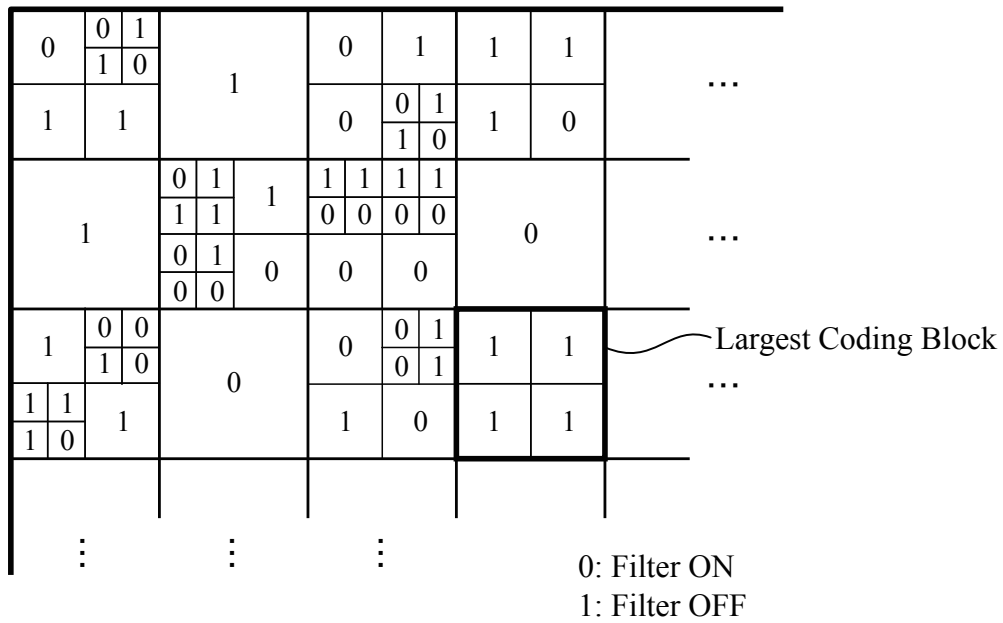


FIG.16

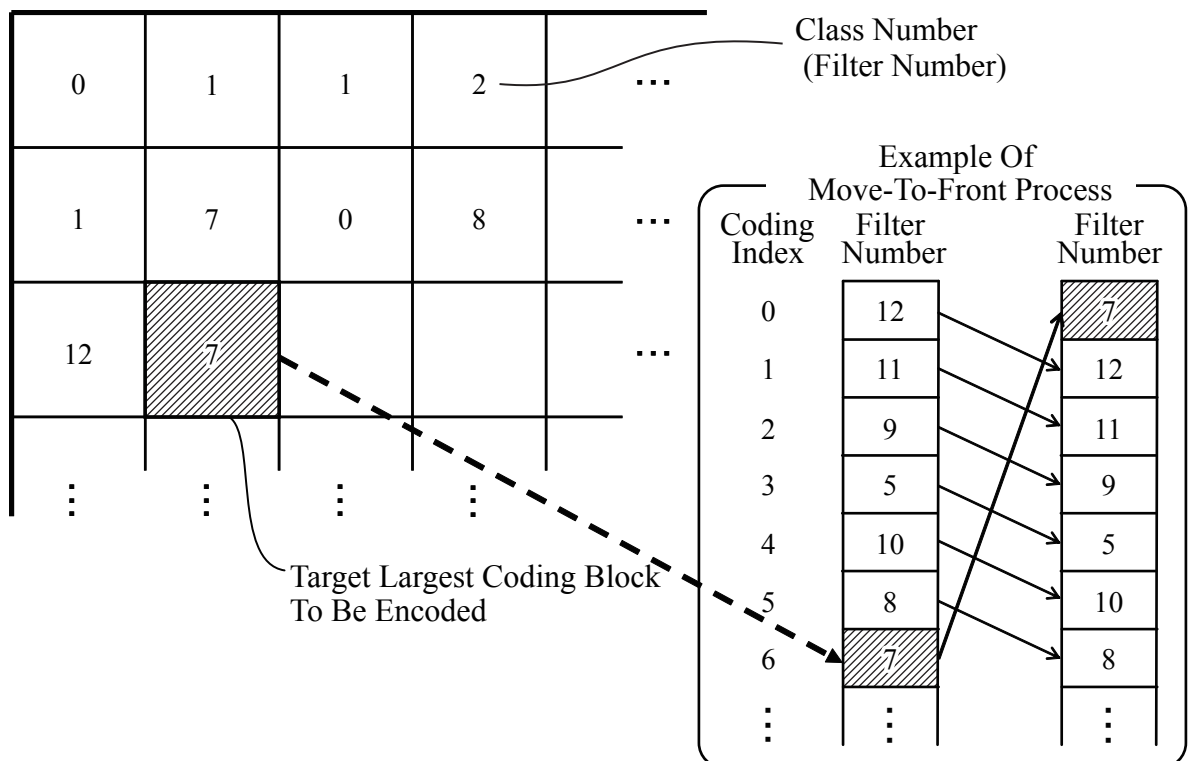


FIG.17

0	1	1	1	...
1	1	0	1	...
1	1	0	0	...
⋮	⋮	⋮		

0: Filter ON
1: Filter OFF

Largest Coding Block

FIG.18

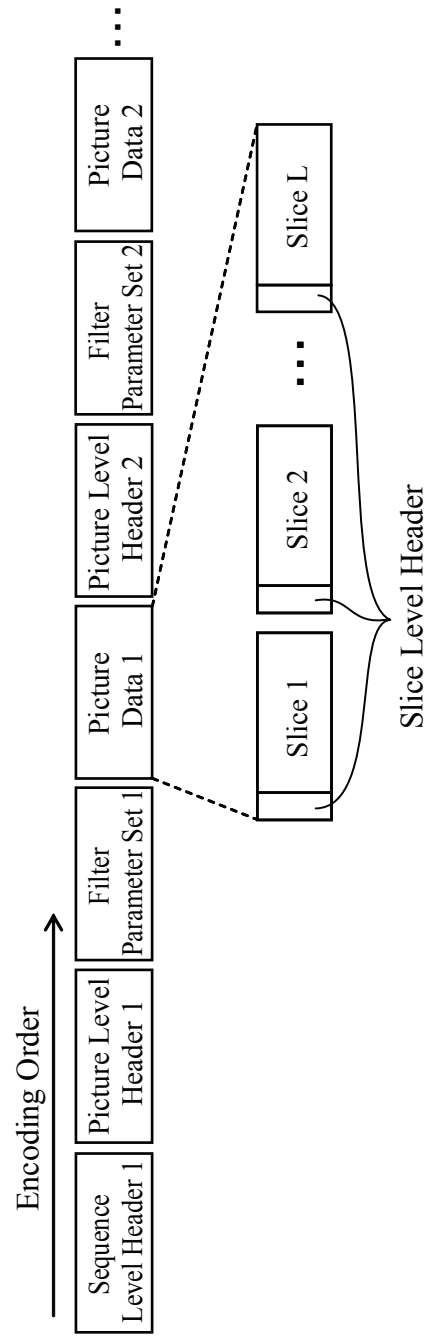


FIG.19

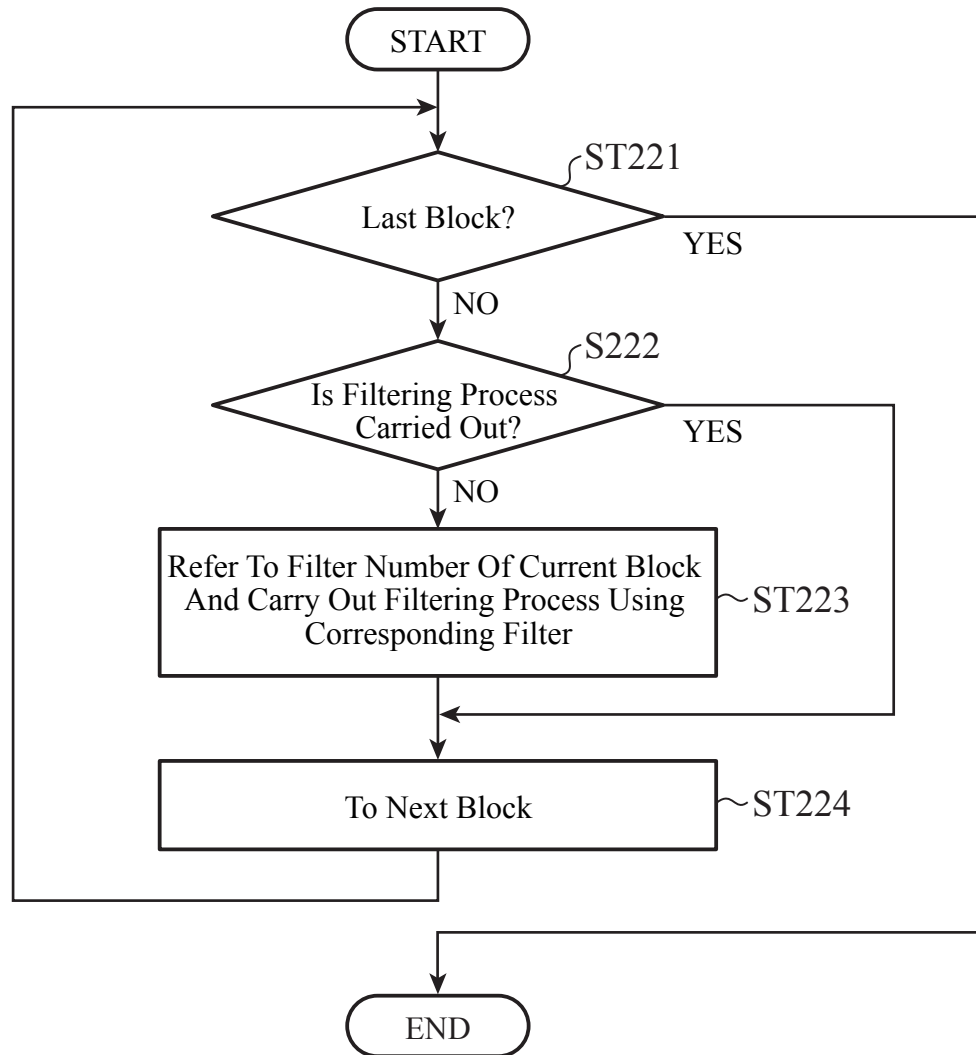
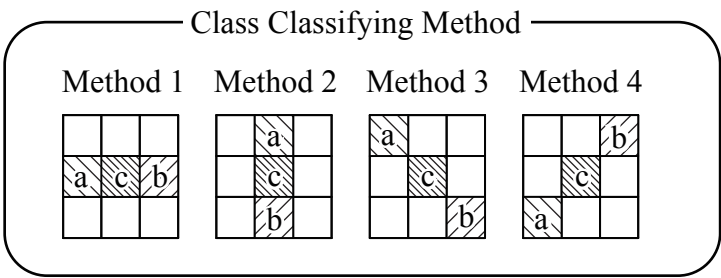


FIG.20



Classification Criteria In Each Class Classifying Method

Class	Criterion
1	$c < a \ \&\& \ c < b$
2	$(c < a \ \&\& \ c = b) \ \ (c < b \ \&\& \ c = a)$
3	$(c > a \ \&\& \ c = b) \ \ (c > b \ \&\& \ c = a)$
4	$c > a \ \&\& \ c > b$
0	Other Than Classes 1 To 4

A, B, C: Brightness Value Of Each Pixel

FIG.21

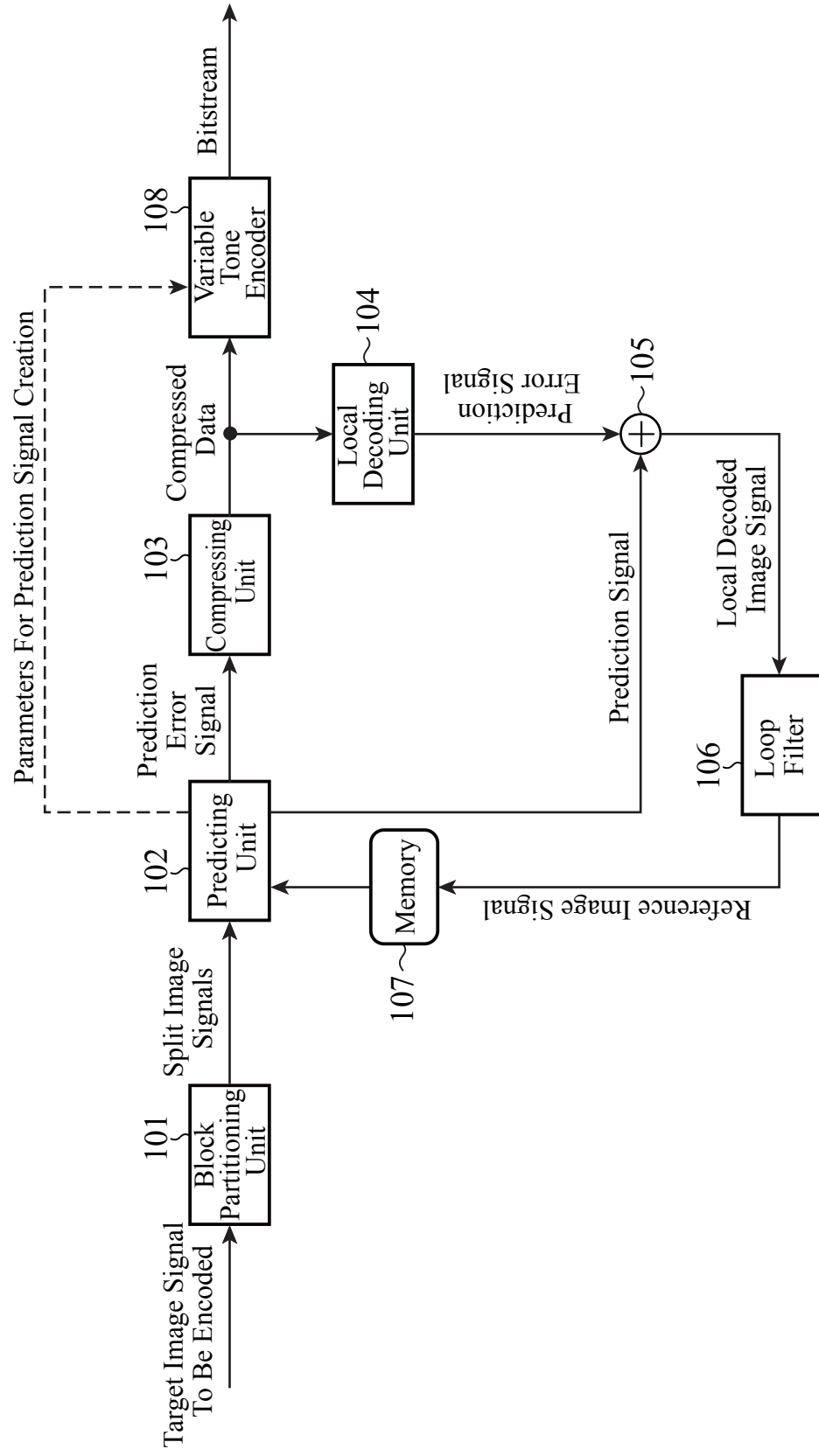


FIG.22

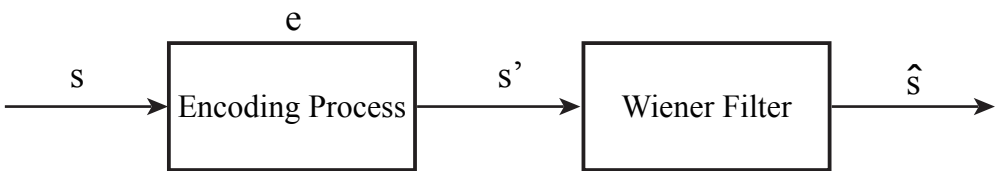


FIG.23

Filter1 run =2 no merge-above	Filter1	Filter1	Filter2 run =1 no merge-above	Filter2
Filter3 run=2 merge-above=0	Filter3	Filter3	Filter2 run=1 merge-above=1	Filter2
Filter4 run=4 merge-above=0	Filter4	Filter4	Filter4	Filter4

Target Picture For Filtering Process