

FIG. 1

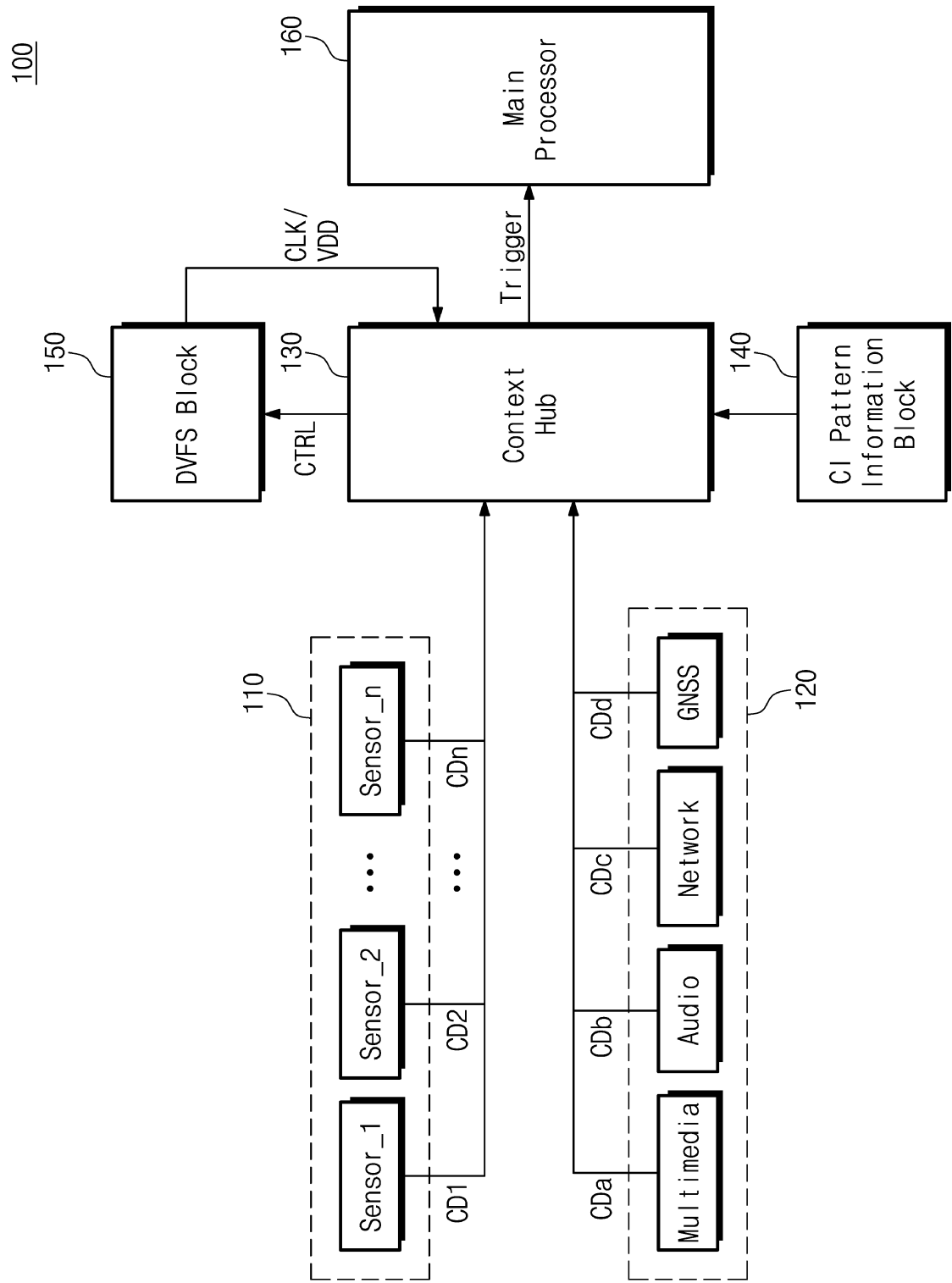


FIG. 2

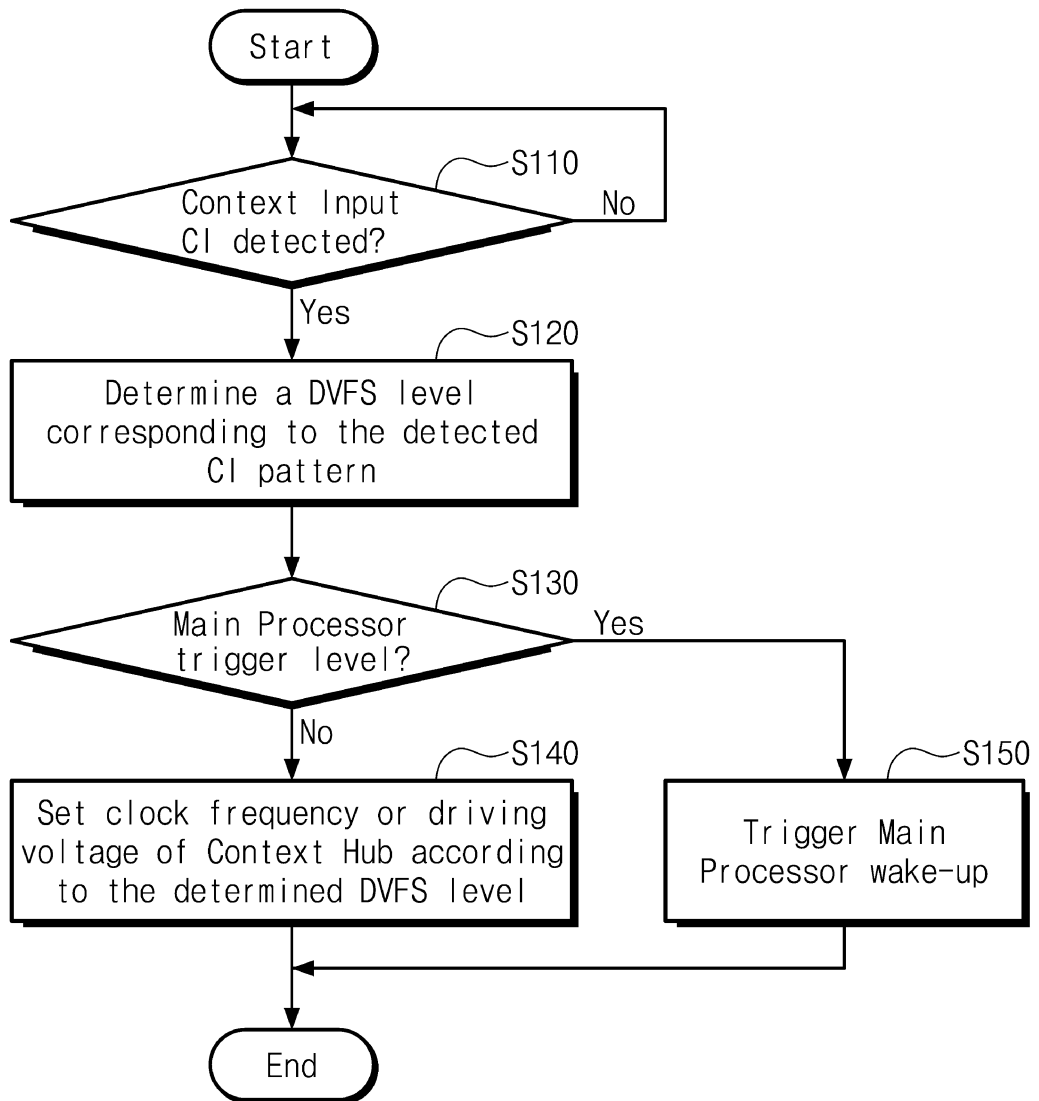


FIG. 3A

Context Input Pattern(CIP)	DVFS level
CD1	$f_0 + 2f_m$
CD2	$f_0 + f_m$
CD3	$f_0 - 2f_m$
CD4	$f_0 - f_m$
CD1/CD2	$f_0 + 3f_m$
CD1/CD3	$f_0 + 2f_m$
CD1/CD4	$f_0 + 2f_m$
CD2/CD3	$f_0 + 2f_m$
CD2/CD4	$f_0 + f_m$
CD3/CD4	f_0
CD1/CD2/CD3	$f_0 + 4f_m$
CD1/CD2/CD4	$f_0 + 3f_m$
CD2/CD3/CD4	$f_0 + 3f_m$
CD1/CD2/CD3/CD4	$f_0 + 5f_m$

FIG. 3B

Context Input Pattern(CIP)	DVFS level	
CD1	$f_0 + 2f_m$	
CD2	$f_0 + f_m$	
CD3	f_0	
CD4	$f_0 - f_m$	
CD1/CDa	-	Trigger Main Processor
CD1/CDb	$f_0 + 3f_m$	
CD1/CDc	$f_0 + 2f_m$	
CD2/CD3	$f_0 + 2f_m$	
CD2/CD4	$f_0 + f_m$	
CD3/CD4	f_0	
CD1/CDa/CDb	-	Trigger Main Processor
CD1/CDa/CDc	-	Trigger Main Processor
CD1/CD2/CDa	$f_0 + 3f_m$	
CD1/CD2/CDa/CDb	-	Trigger Main Processor

FIG. 4

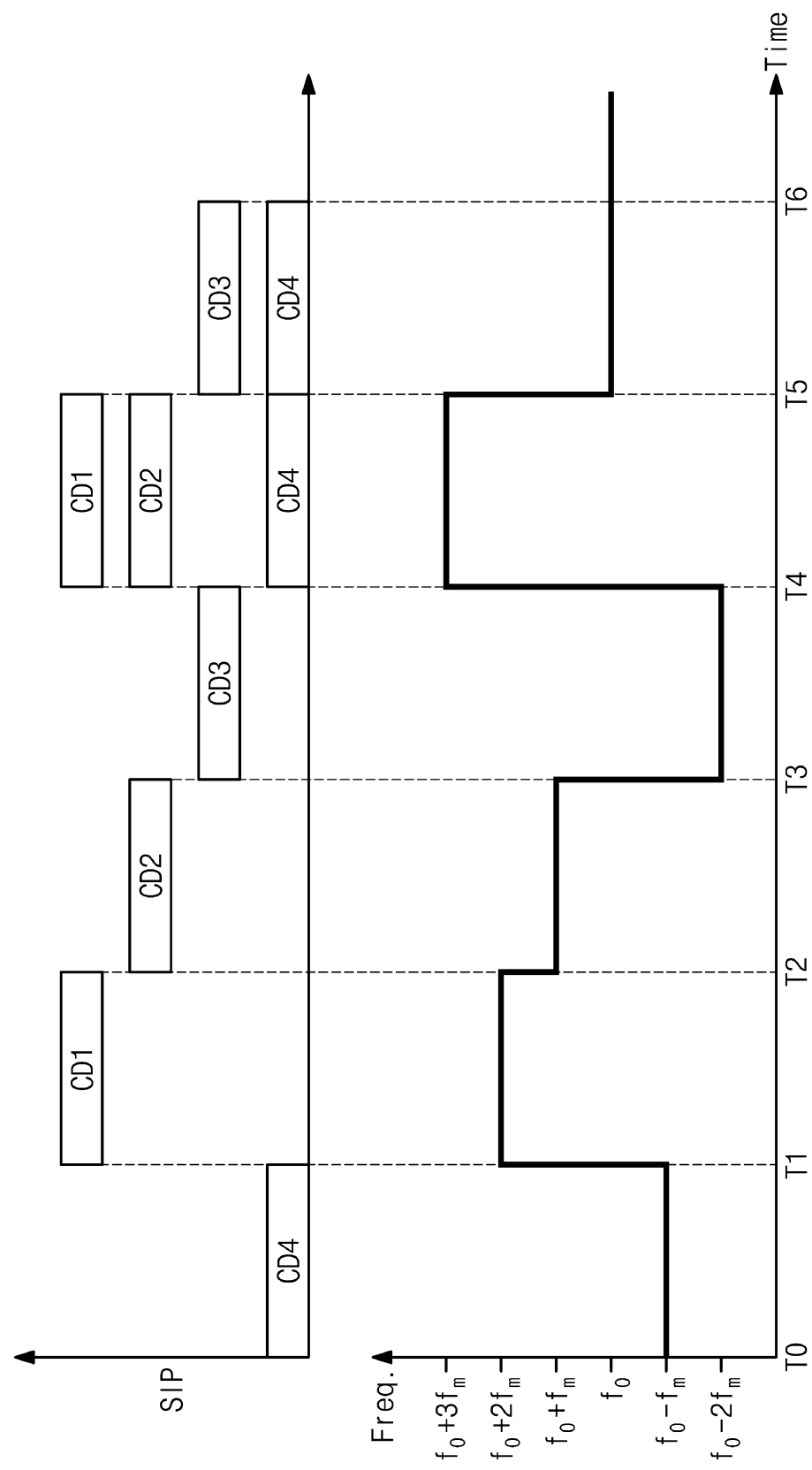


FIG. 5

200

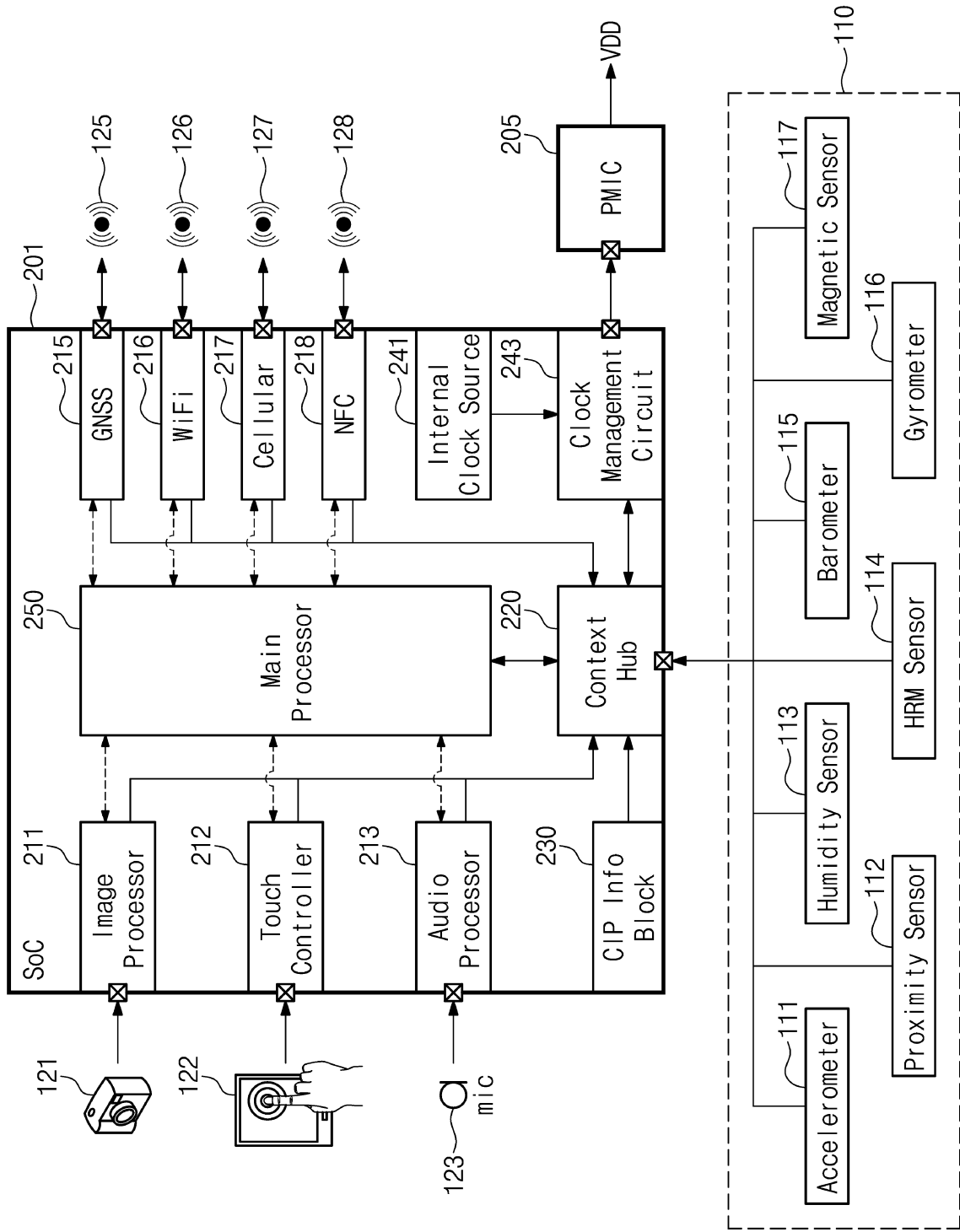


FIG. 6

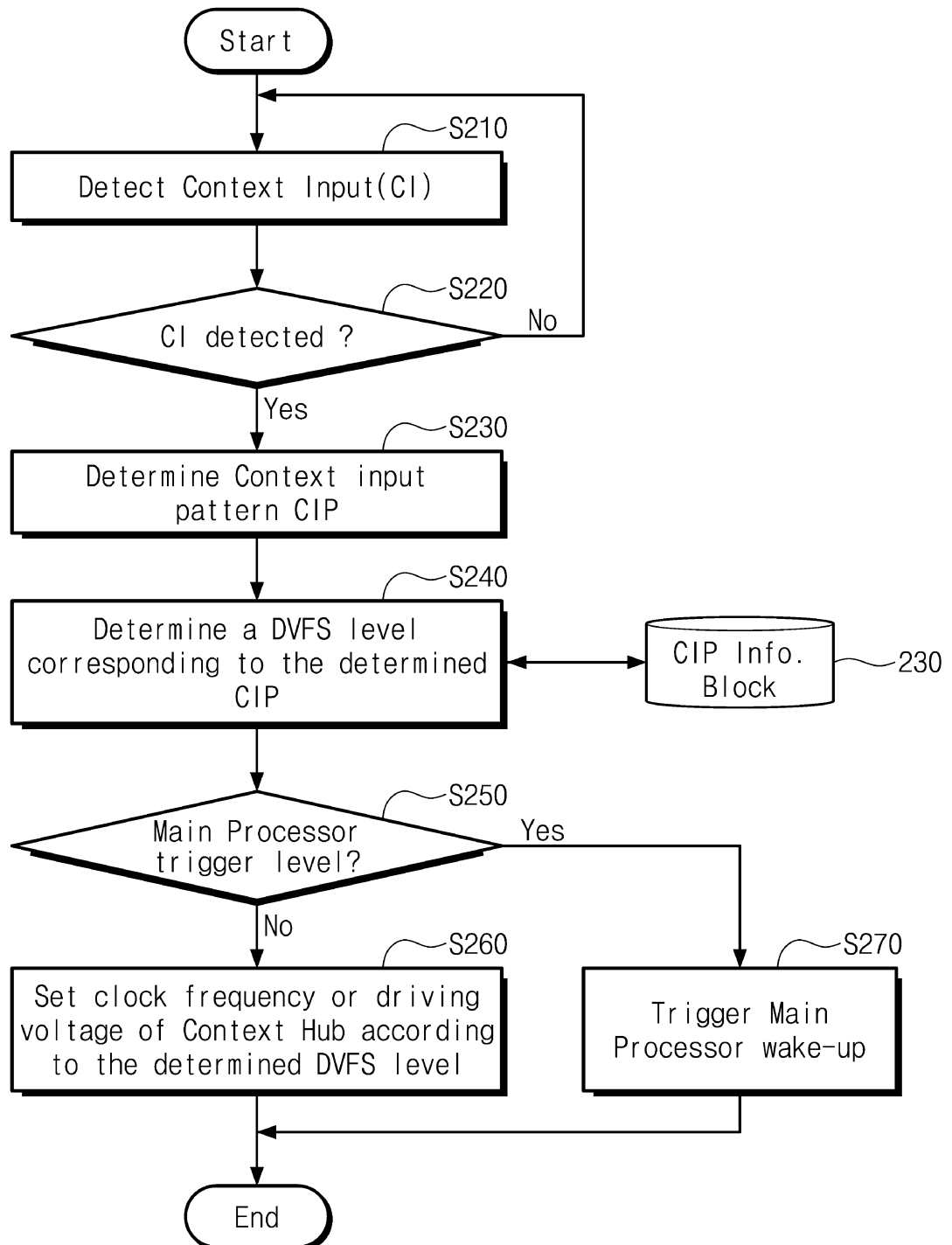


FIG. 7

Context Input Pattern(CIP)	DVFS level	
Image	f_0+2f_m	
Touch	f_0+f_m	
Audio	f_0+2f_m	
GNSS	f_0	
Cellular	–	Trigger Main Processor
NFC	–	Trigger Main Processor
Accelerometer	f_0+2f_m	
Proximity	f_0+2f_m	
Humidity	f_0-2f_m	
Gyrometer	f_0	
HRM	f_0	
Image + Audio	–	Trigger Main Processor
Audio + Touch	–	Trigger Main Processor
⋮	⋮	⋮

FIG. 8

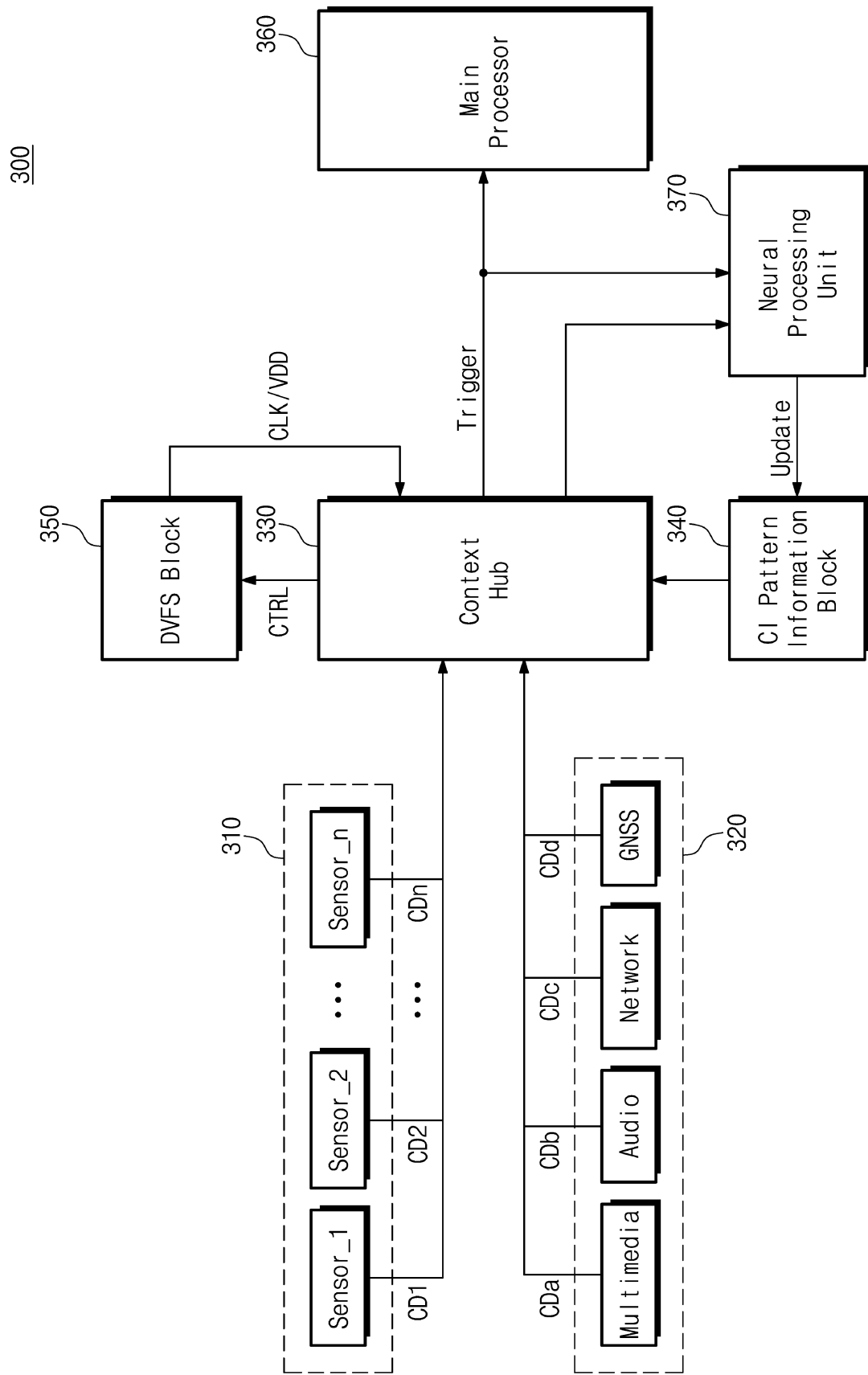


FIG. 9

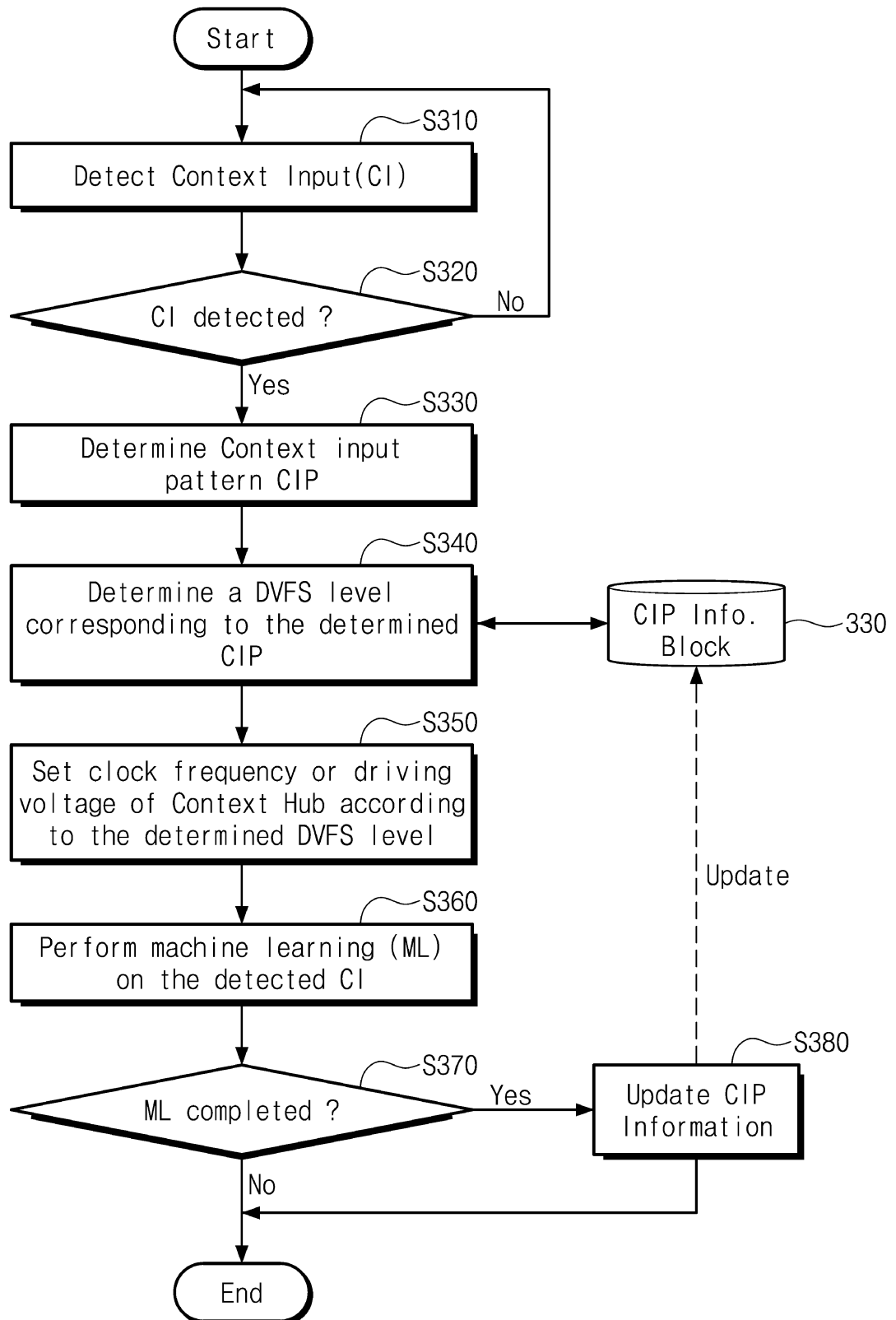


FIG. 10

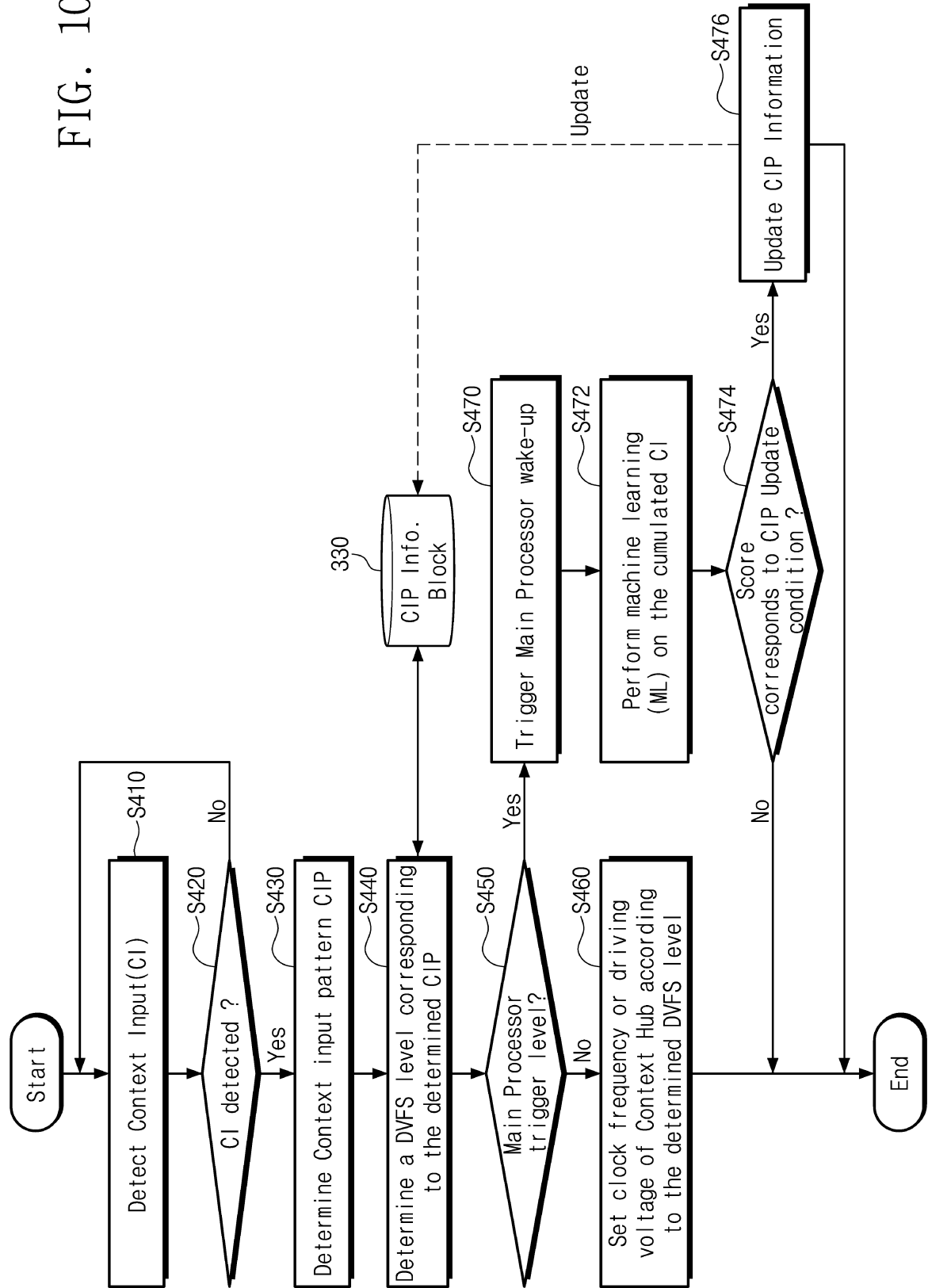


FIG. 11

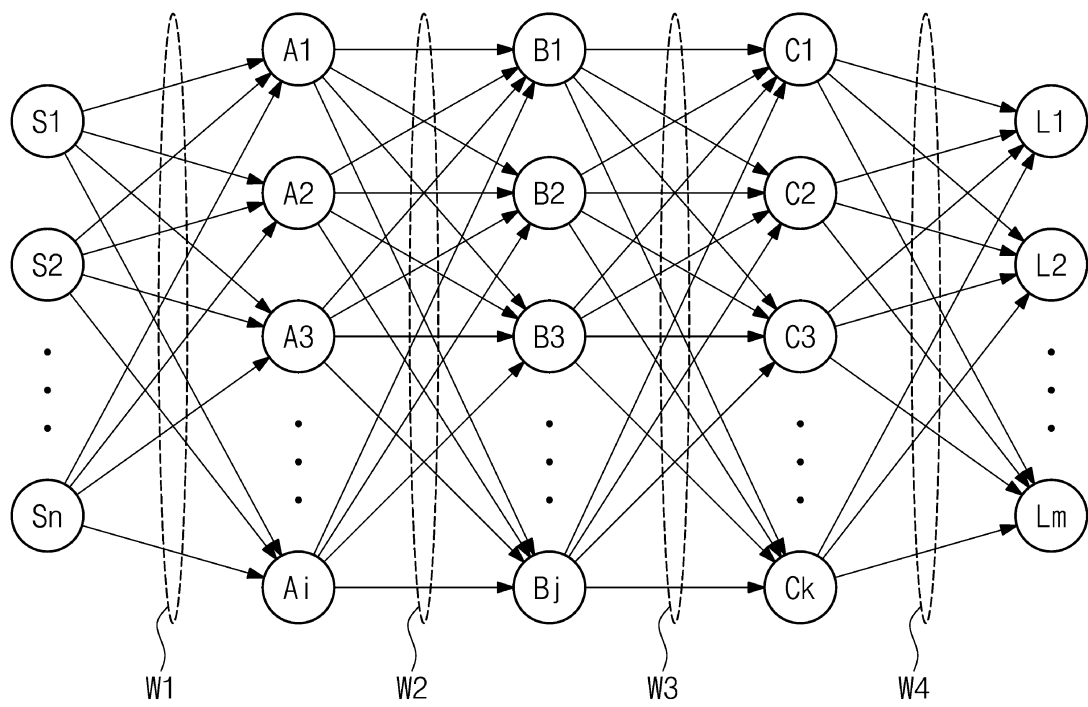


FIG. 12

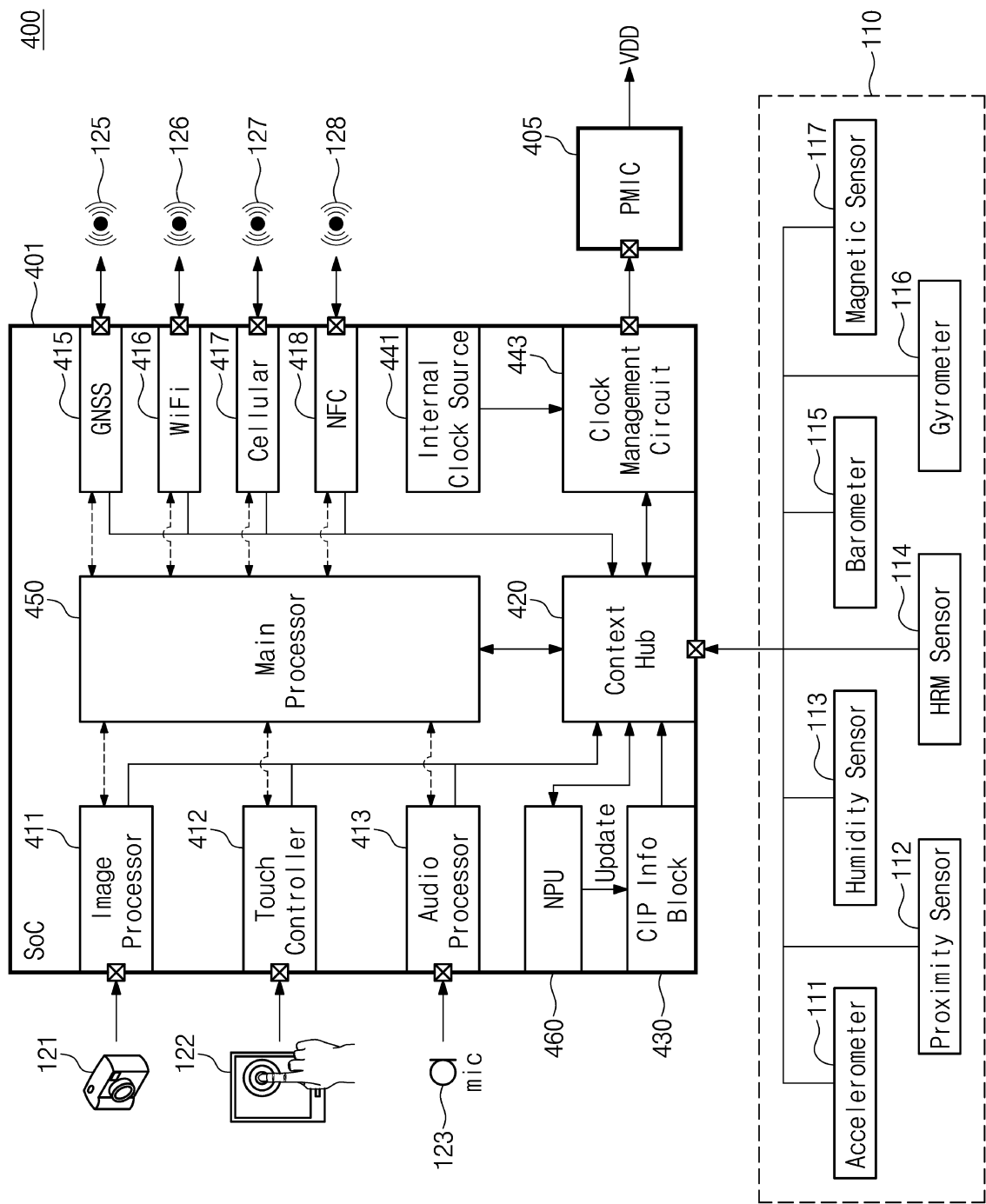
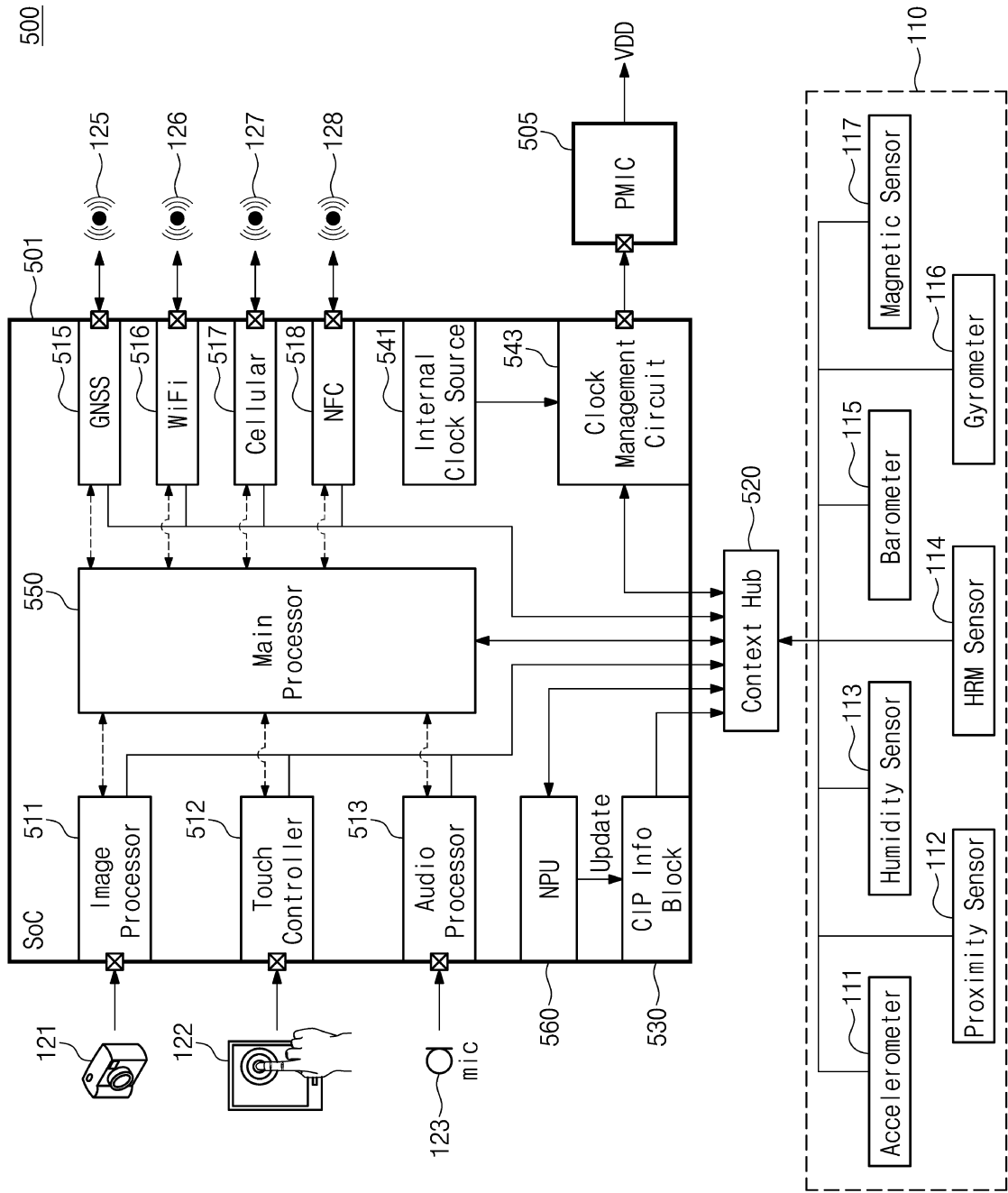


FIG. 13



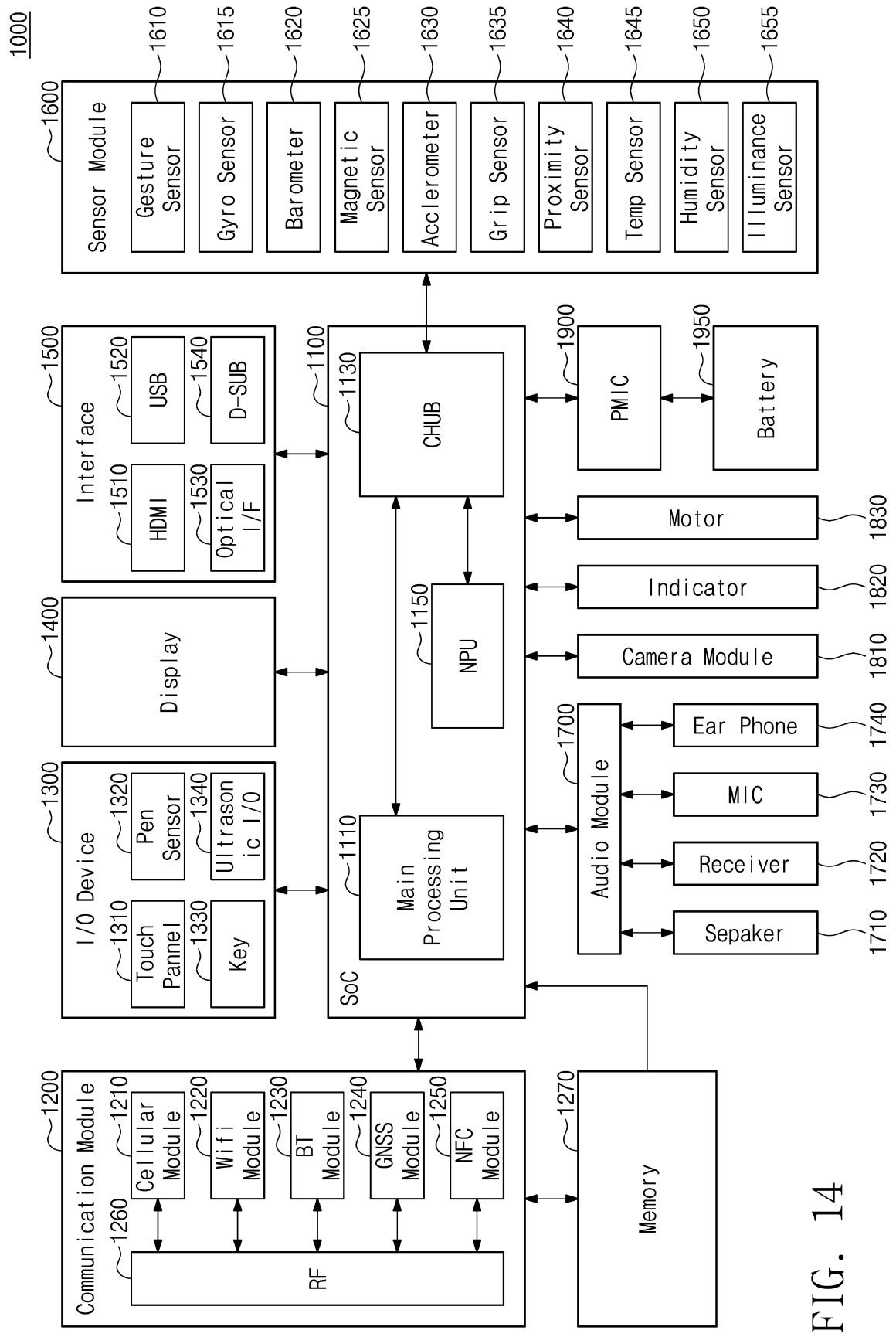


FIG. 14