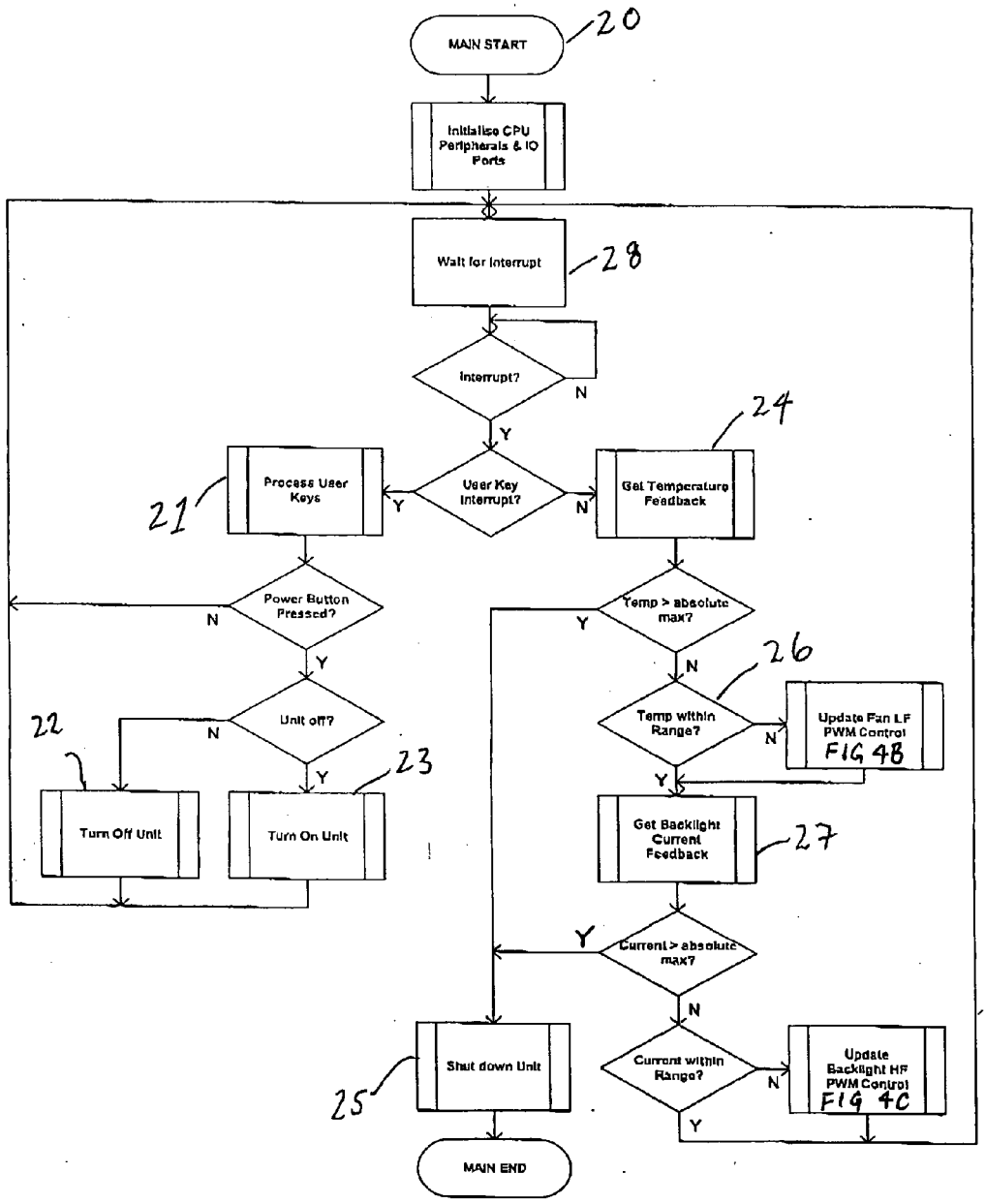
MAIN START
20
Initialise CPU Peripherals & IO Ports
Wait for Interrupt
28
Interrupt?
N
Y
User Key Interrupt?
Y
N
Process User Keys
21
Get Temperature Feedback
24
Power Button Pressed?
N
Y
Unit off?
N
Y
22
23
Turn Off Unit
Turn On Unit
Temp > absolute max?
Y
N
Temp within Range?
N
Y
26
Update Fan LF PWM Control
FIG 4B
Get Backlight Current Feedback
27
Current > absolute max?
Y
N
Current within Range?
N
Y
Update Backlight HF PWM Control
FIG 4C
Shut down Unit
25
MAIN END

FIGURE 4a