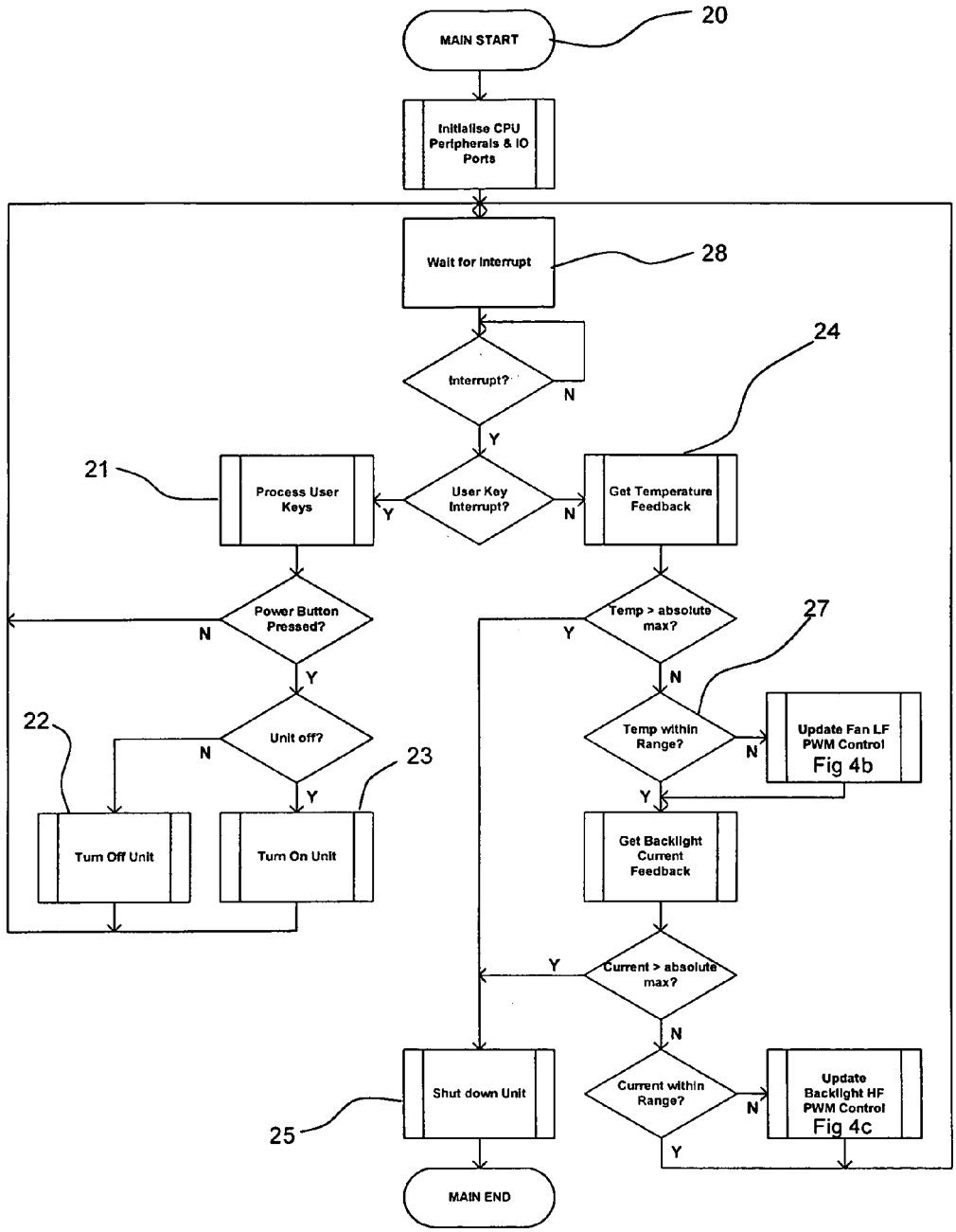
MAIN START
20
Initialise CPU Peripherals & IO Ports
Wait for Interrupt
28
Interrupt?
N
Y
24
21
Process User Keys
User Key Interrupt?
Y
N
Get Temperature Feedback
Power Button Pressed?
N
Y
Temp > absolute max?
Y
N
27
22
Unit off?
N
Y
23
Temp within Range?
N
Update Fan LF PWM Control
Fig 4b
Y
Turn Off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

FIGURE 4a