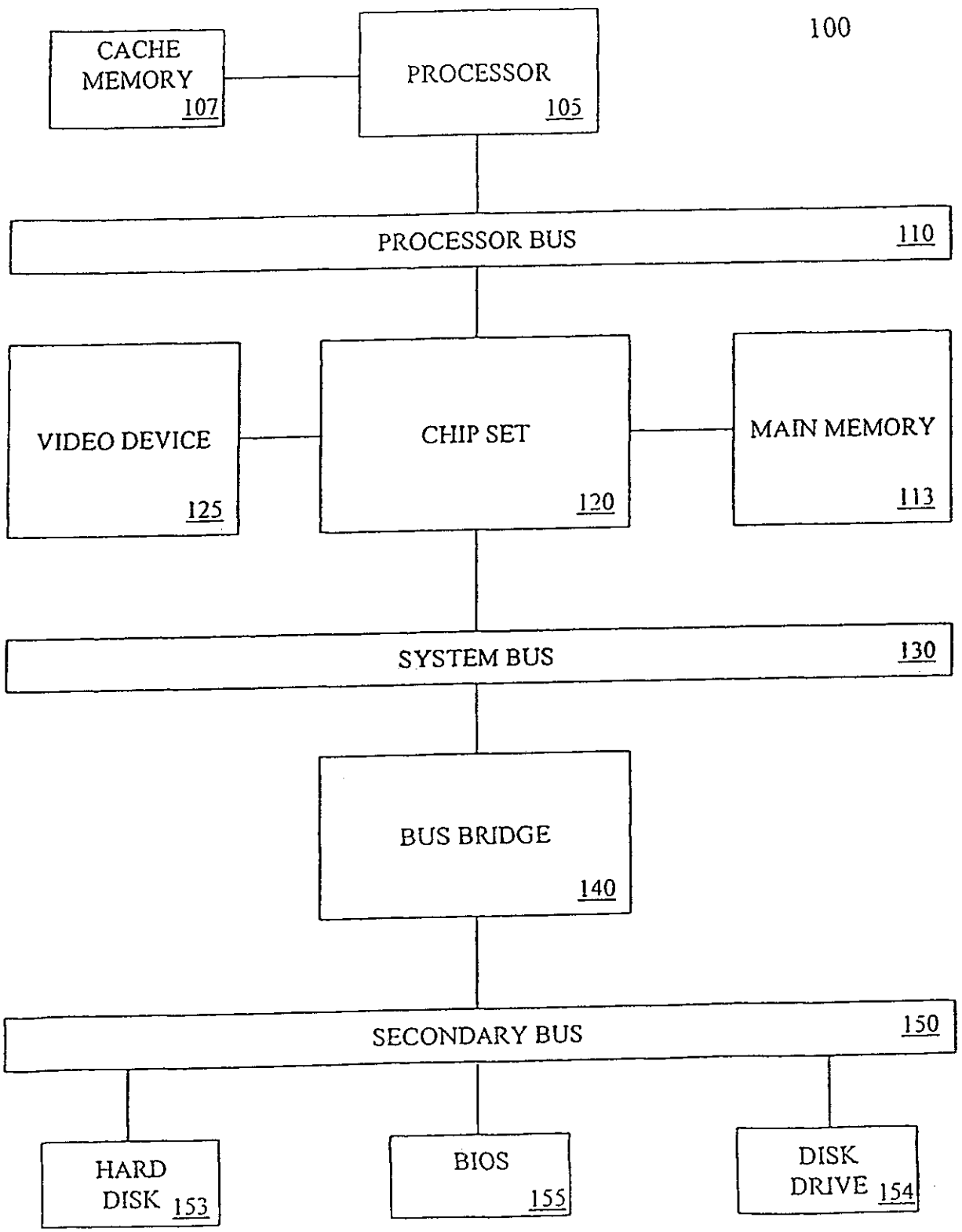

100
CACHE MEMORY 107
PROCESSOR 105
PROCESSOR BUS 110
VIDEO DEVICE 125
CHIP SET 120
MAIN MEMORY 113
SYSTEM BUS 130
BUS BRIDGE 140
SECONDARY BUS 150
HARD DISK 153
BIOS 155
DISK DRIVE 154

FIGURE 1

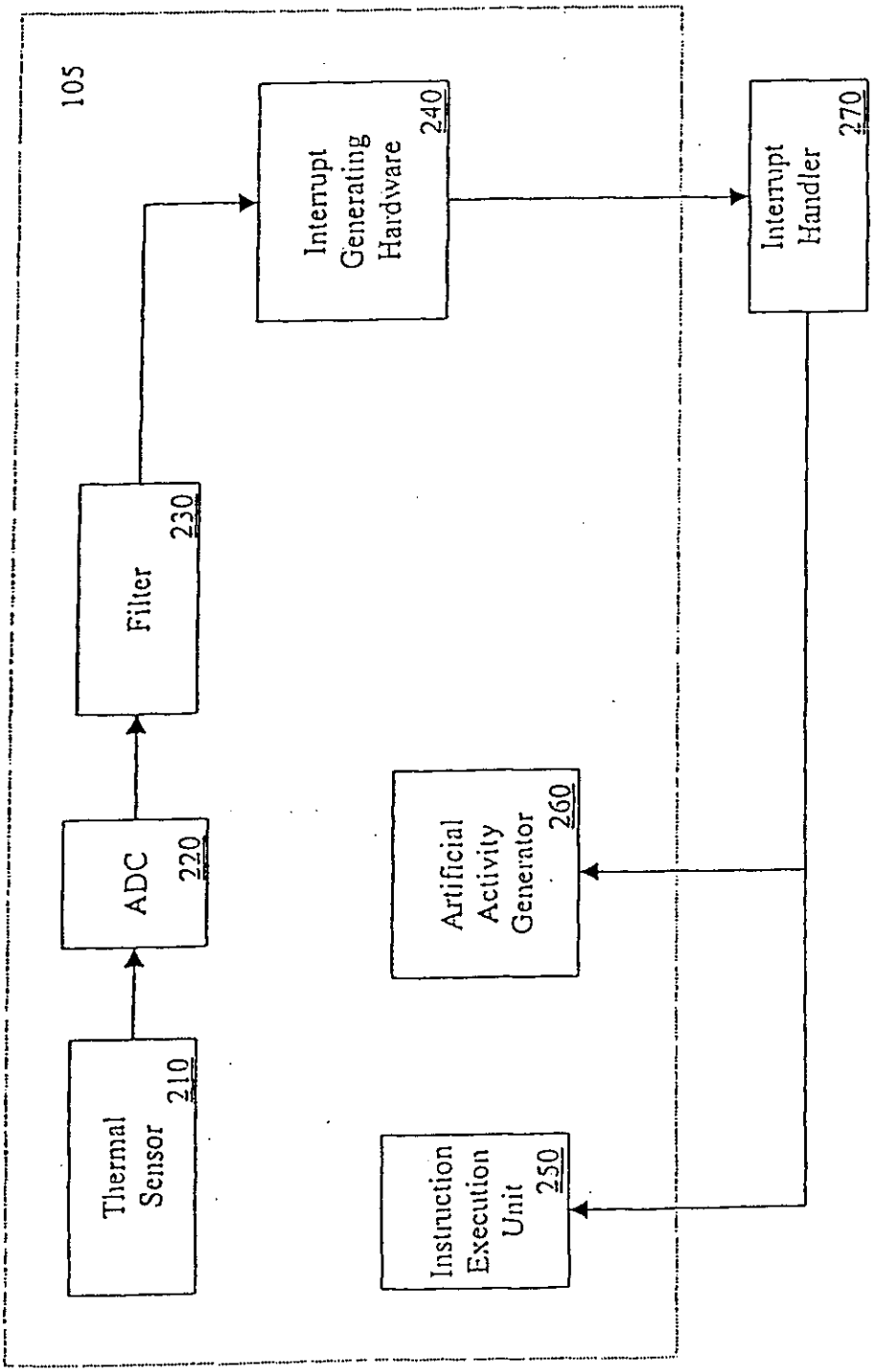

105
Thermal Sensor 210
ADC 220
Filter 230
Interrupt Generating Hardware 240
Instruction Execution Unit 250
Artificial Activity Generator 260
Interrupt Handler 270

FIGURE 2

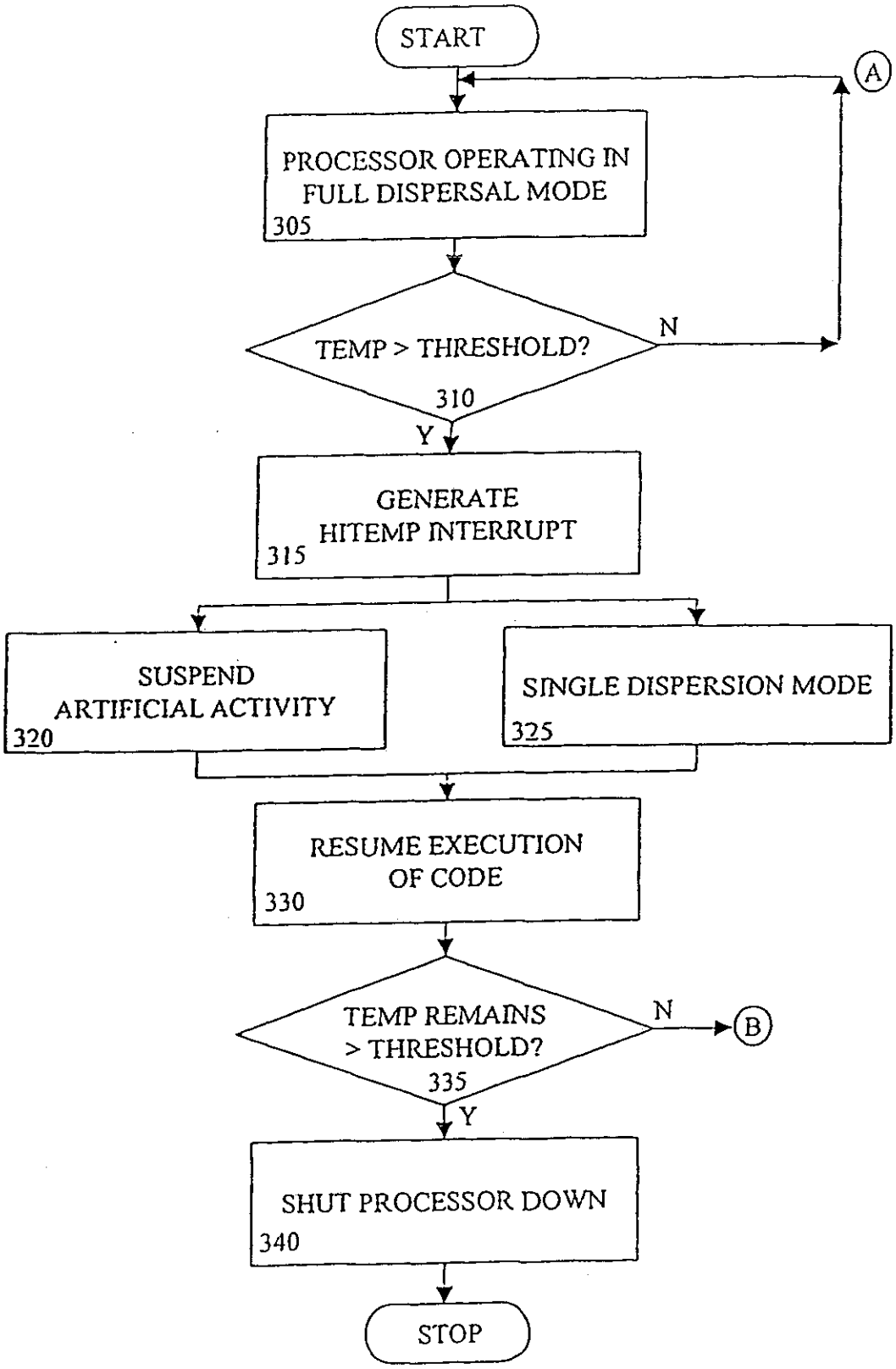

START
A
PROCESSOR OPERATING IN FULL DISPERSAL MODE
305
TEMP > THRESHOLD?
310
N
Y
GENERATE HITEMP INTERRUPT
315
SUSPEND ARTIFICIAL ACTIVITY
320
SINGLE DISPERSION MODE
325
RESUME EXECUTION OF CODE
330
TEMP REMAINS > THRESHOLD?
335
N
B
Y
SHUT PROCESSOR DOWN
340
STOP

FIGURE 3A

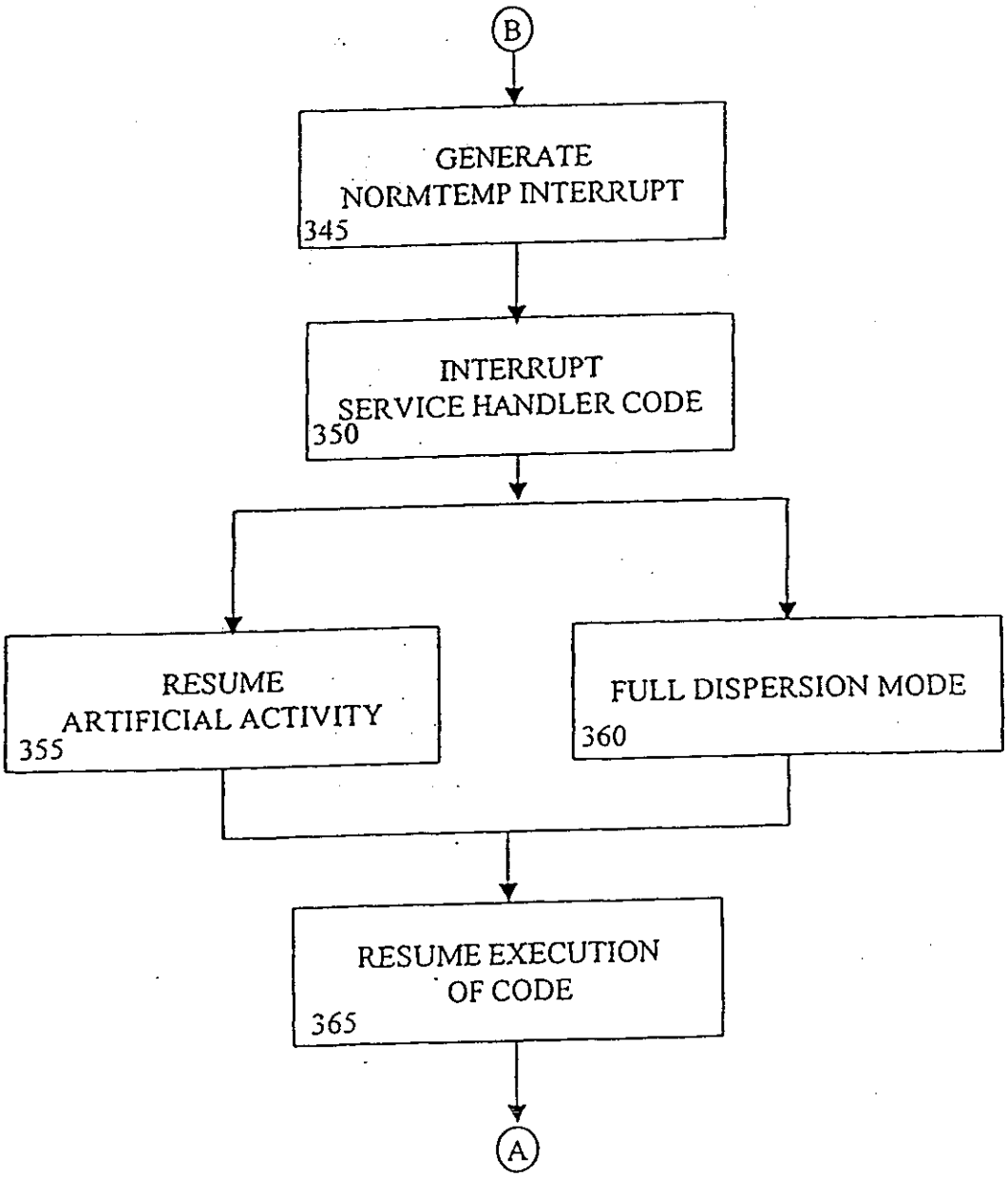

B
GENERATE NORMTEMP INTERRUPT
345
INTERRUPT SERVICE HANDLER CODE
350
RESUME ARTIFICIAL ACTIVITY
355
FULL DISPERSION MODE
360
RESUME EXECUTION OF CODE
365
A

FIGURE 3B