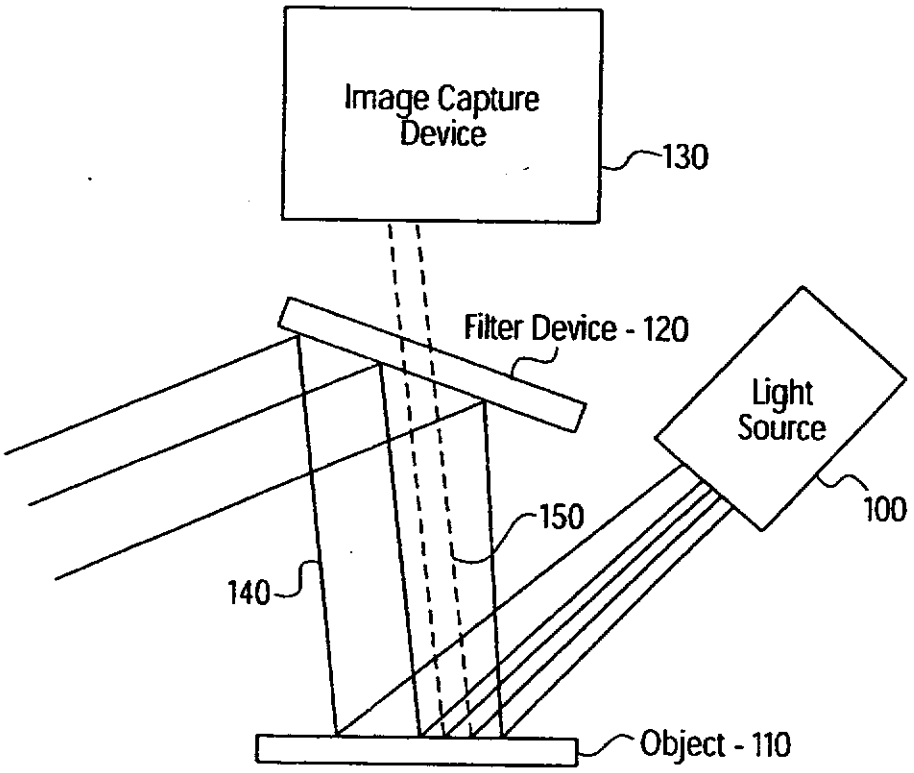

Image Capture Device
130
Filter Device - 120
Light Source
100
150
140
Object - 110

FIG. 1

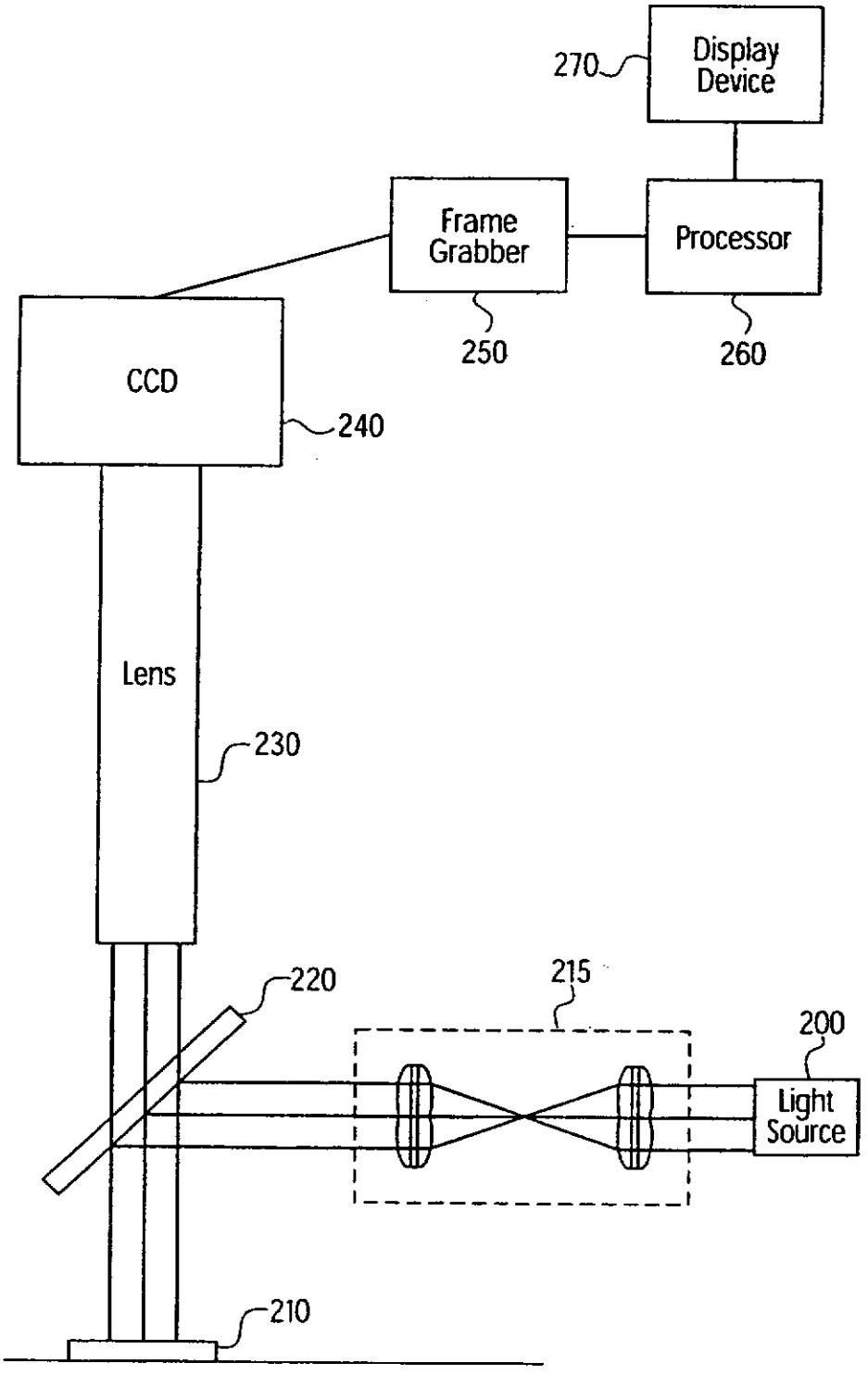

270
Display Device
Frame Grabber
Processor
250
260
CCD
240
Lens
230
220
215
200
Light Source
210

FIG. 2

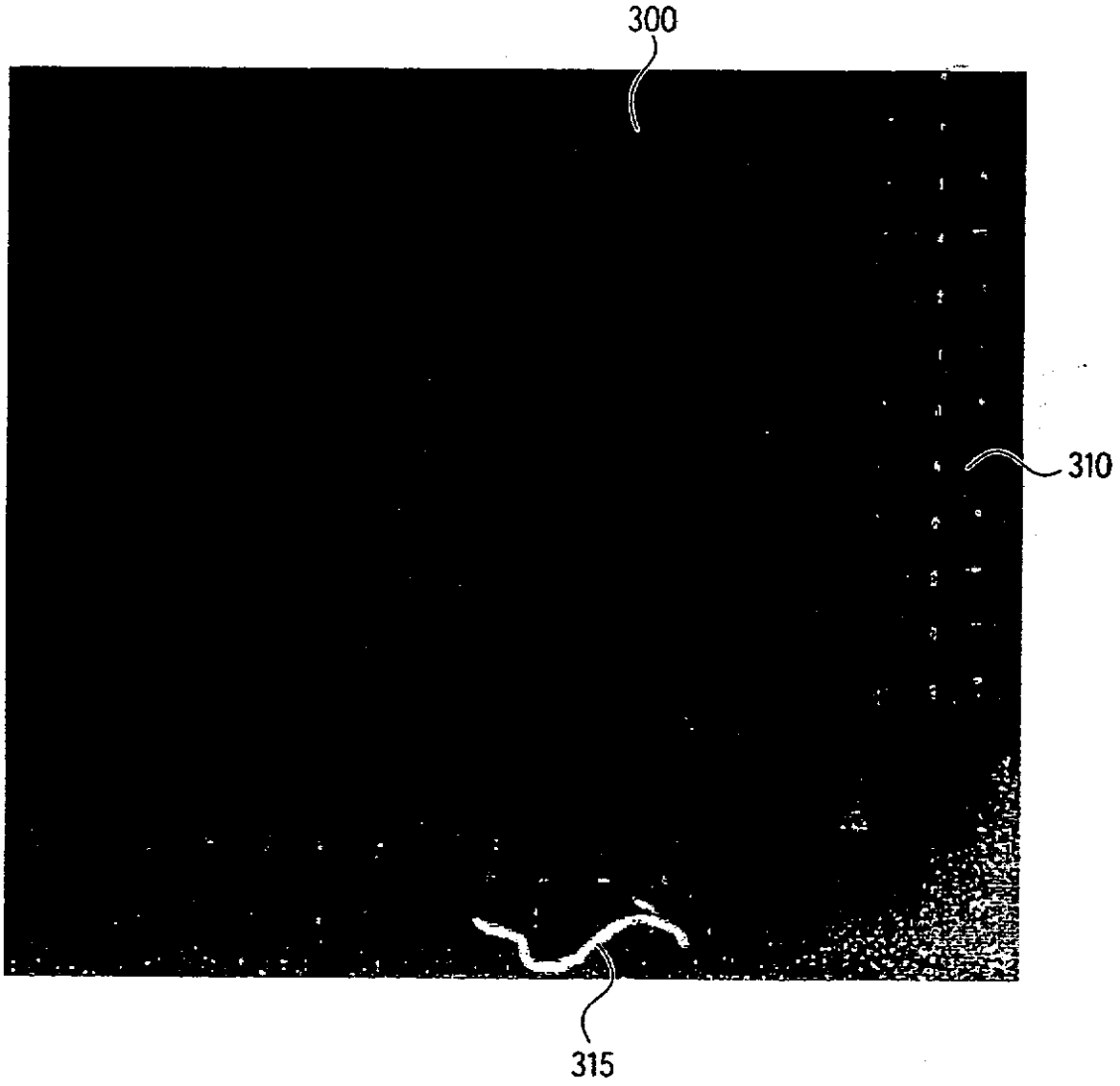



FIG. 3

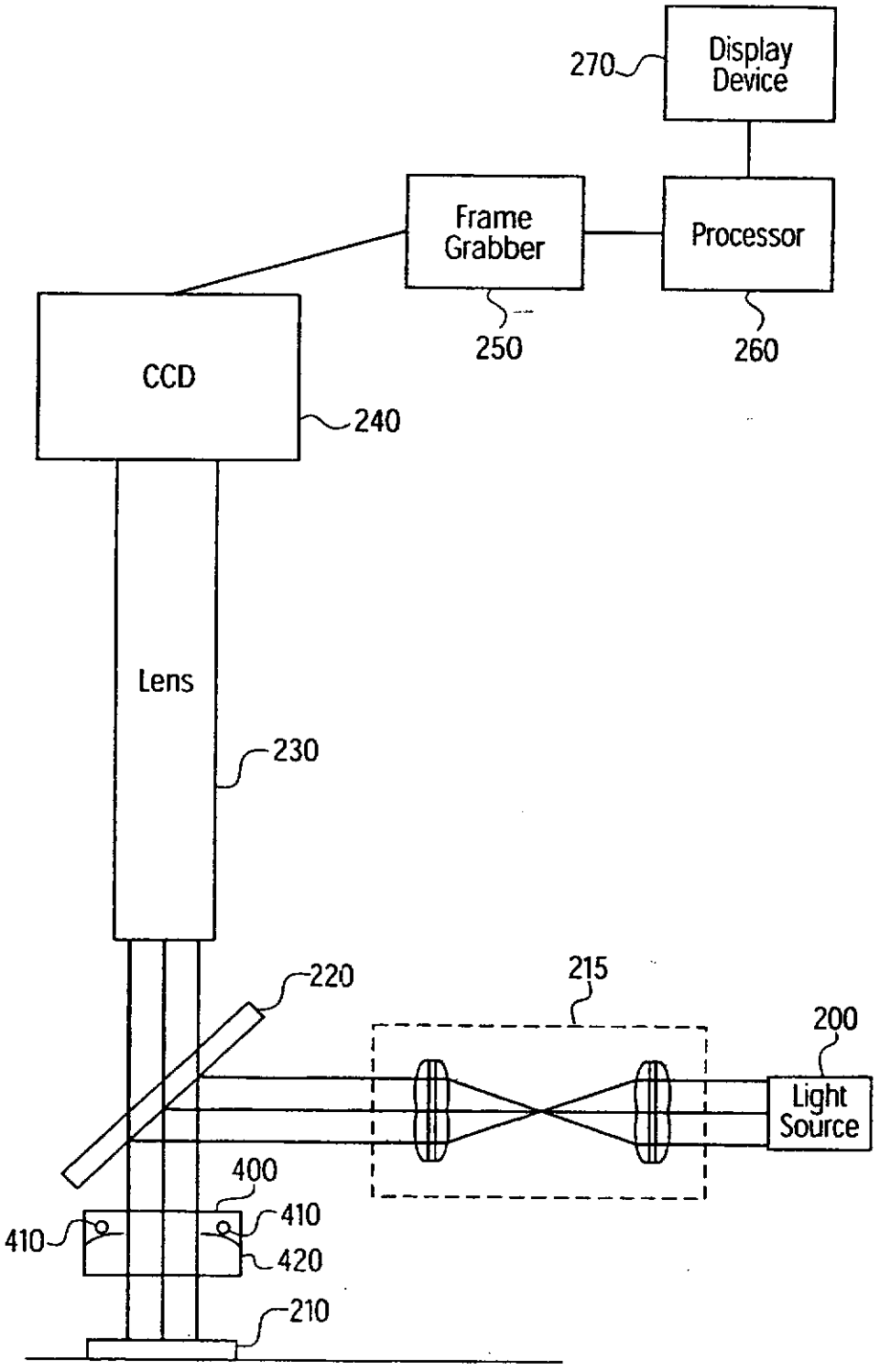

270
Display Device
Frame Grabber
Processor
250
260
CCD
240
Lens
230
220
215
200
Light Source
400
410
410
420
210

FIG. 4

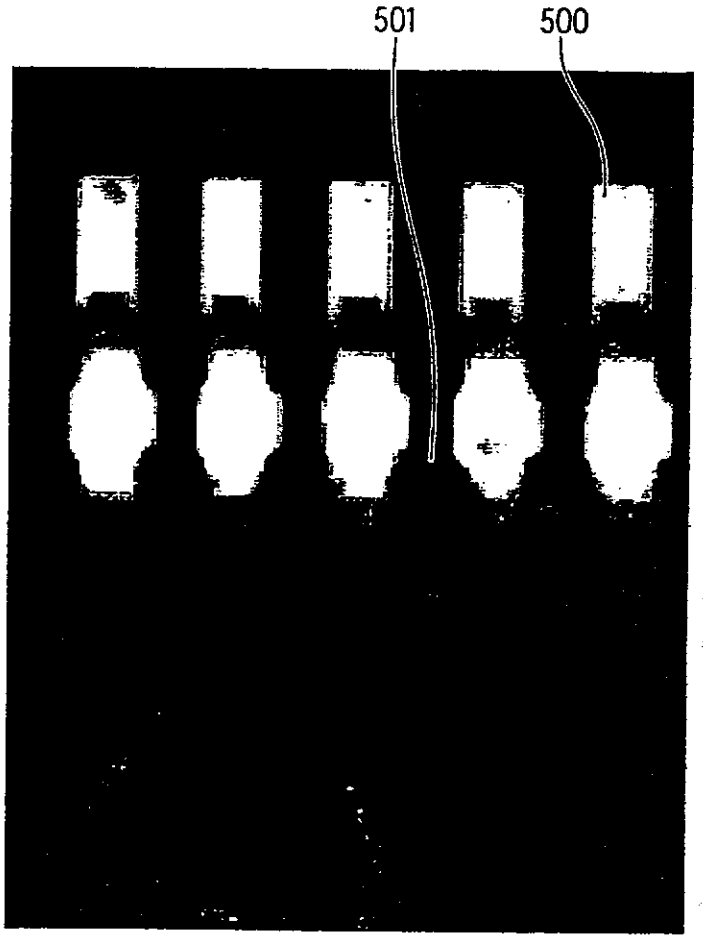



FIG. 5

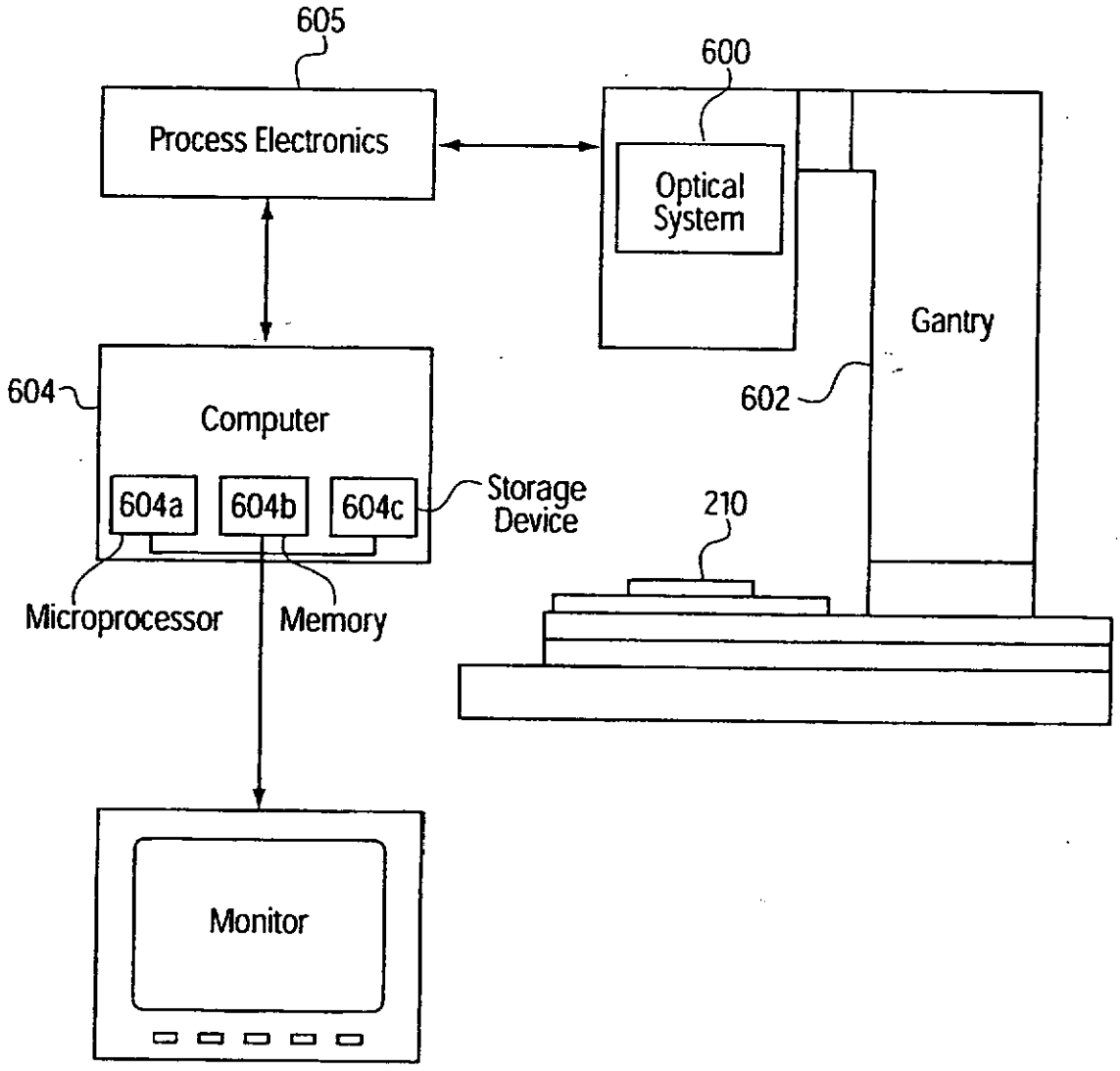

605
Process Electronics
600
Optical System
Gantry
602
604
Computer
604a
604b
604c
Storage Device
210
Microprocessor
Memory
Monitor

FIG. 6

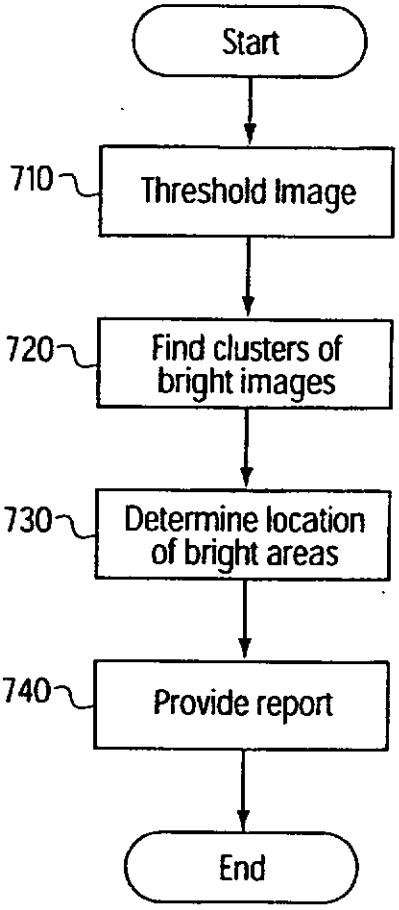

Start
710
Threshold Image
720
Find clusters of bright images
730
Determine location of bright areas
740
Provide report
End

FIG. 7

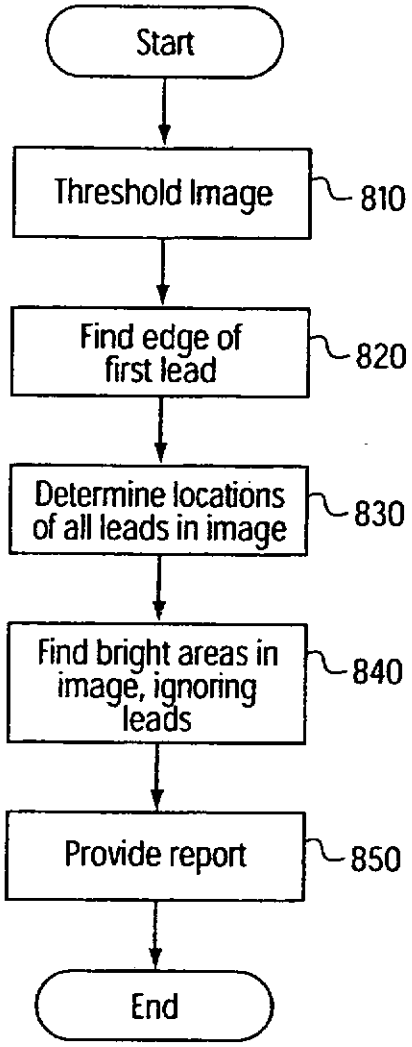

Start
Threshold Image
810
Find edge of first lead
820
Determine locations of all leads in image
830
Find bright areas in image, ignoring leads
840
Provide report
850
End

FIG. 8