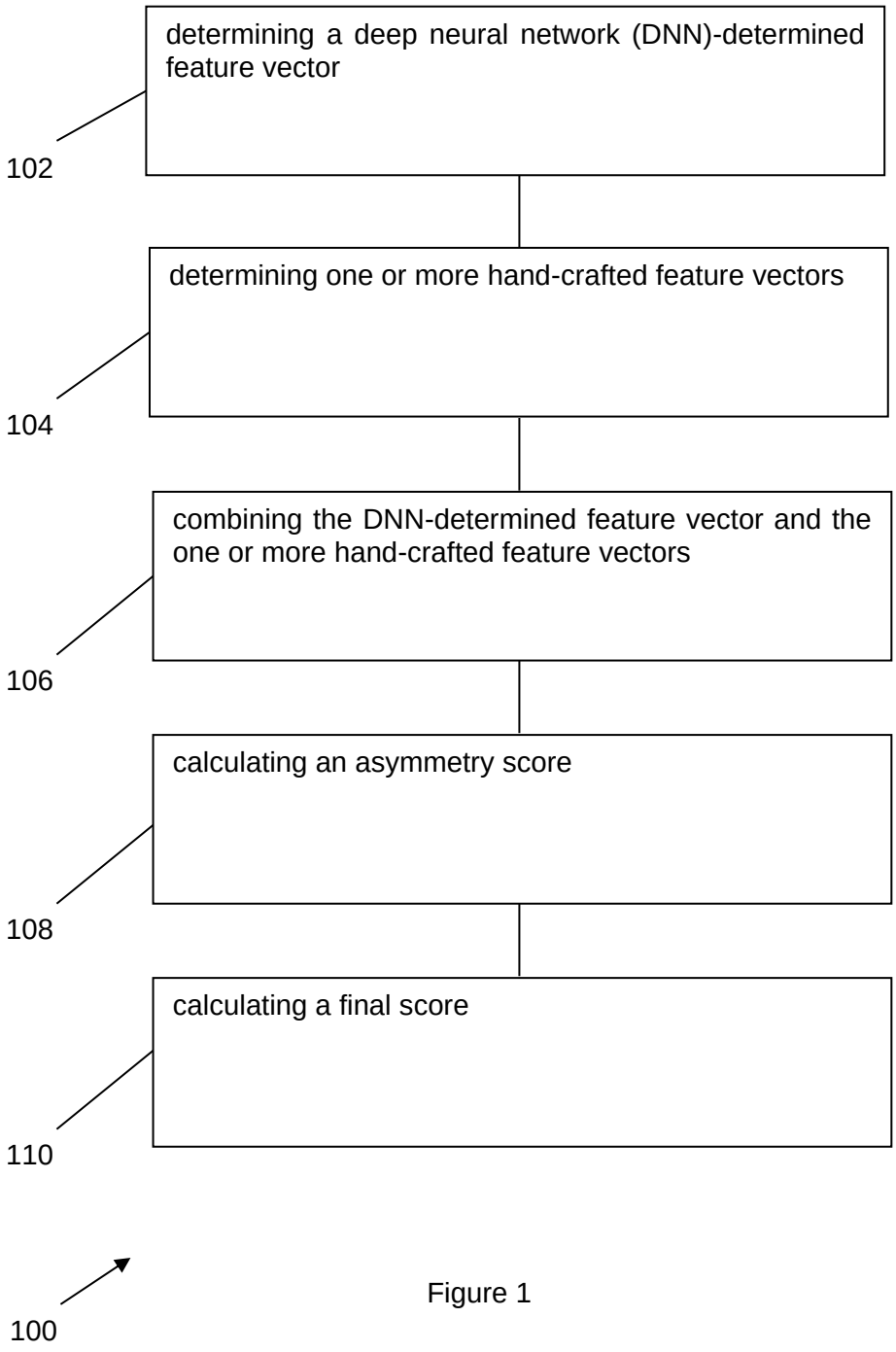

determining a deep neural network (DNN)-determined feature vector
102
determining one or more hand-crafted feature vectors
104
combining the DNN-determined feature vector and the one or more hand-crafted feature vectors
106
calculating an asymmetry score
108
calculating a final score
110
100

Figure 1

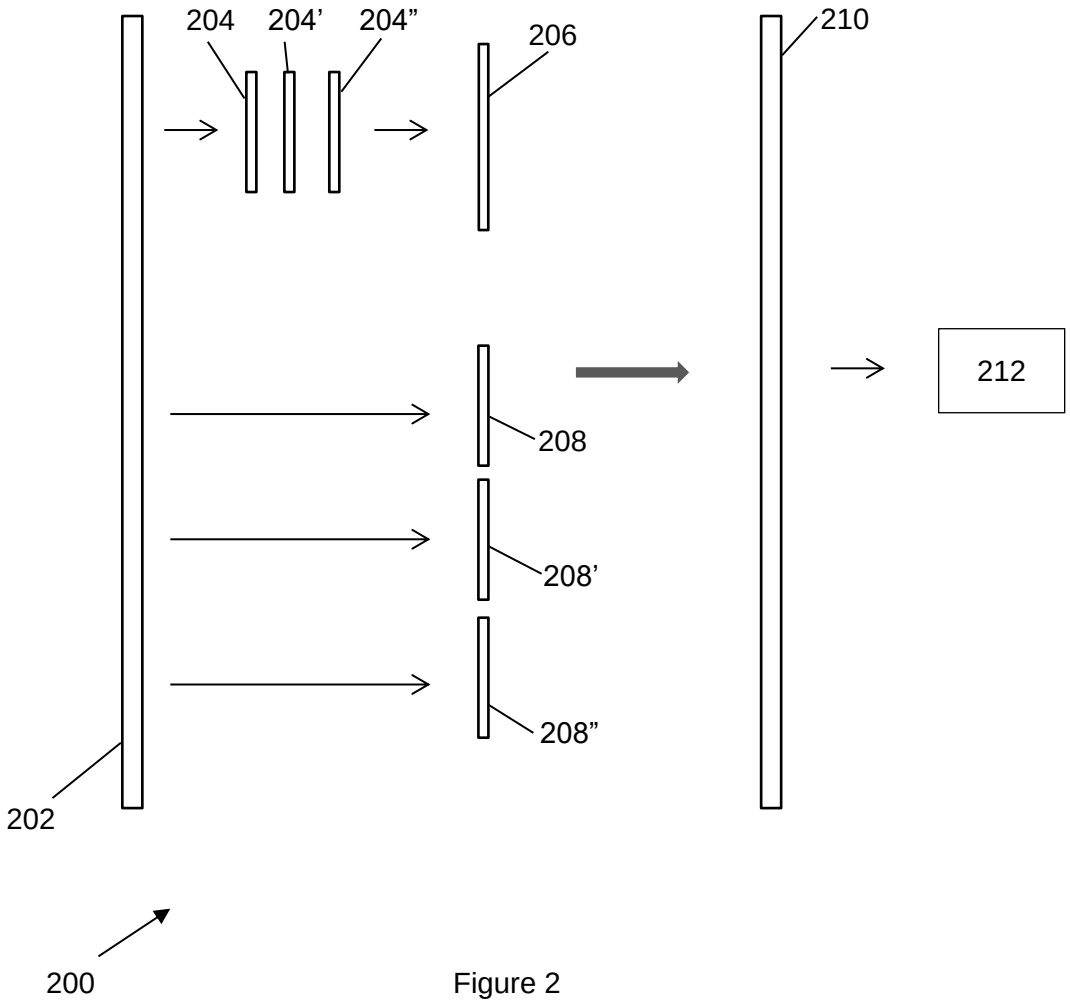


Figure 2

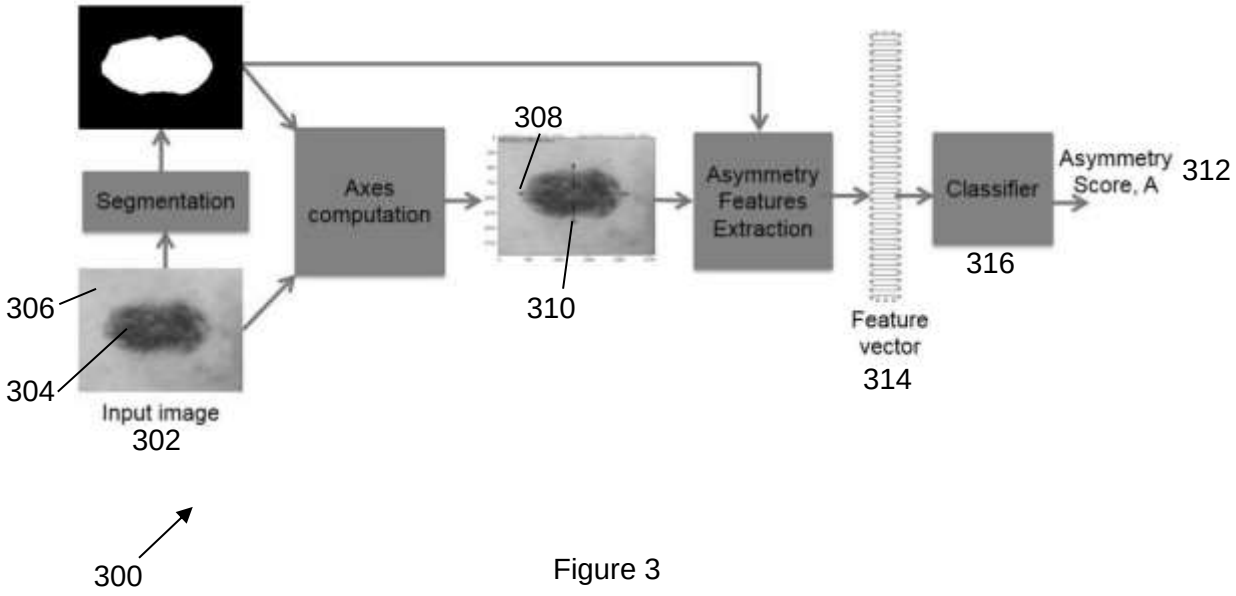


Figure 3

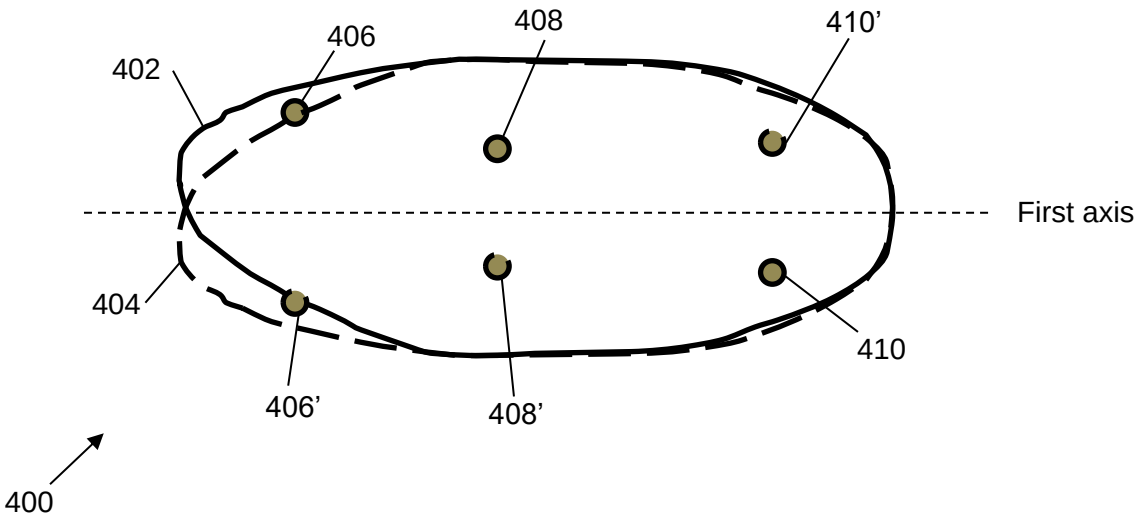


Figure 4

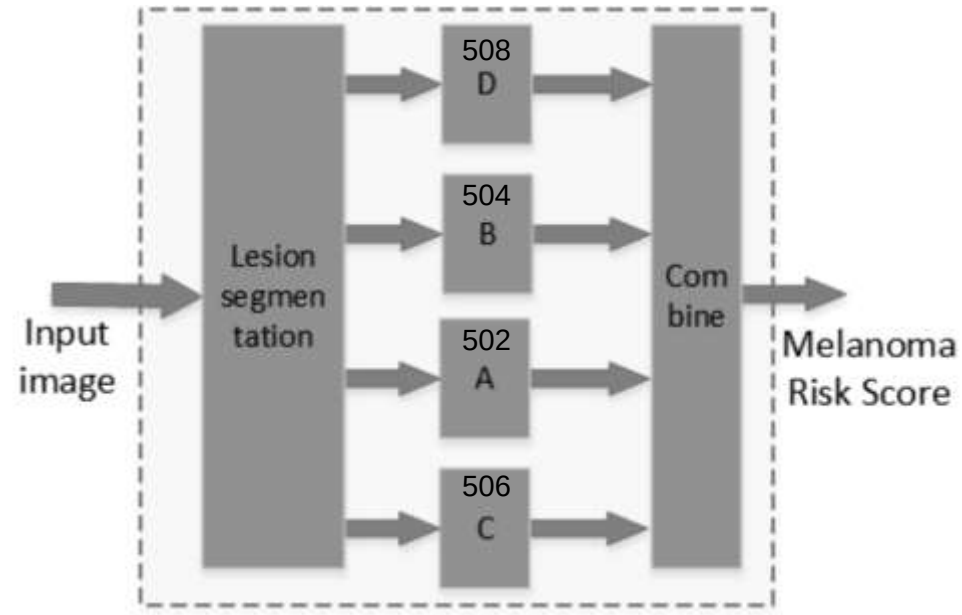

Input image
Lesion segmentation
508 D
504 B
502 A
506 C
Combine
Melanoma Risk Score
500

Figure 5

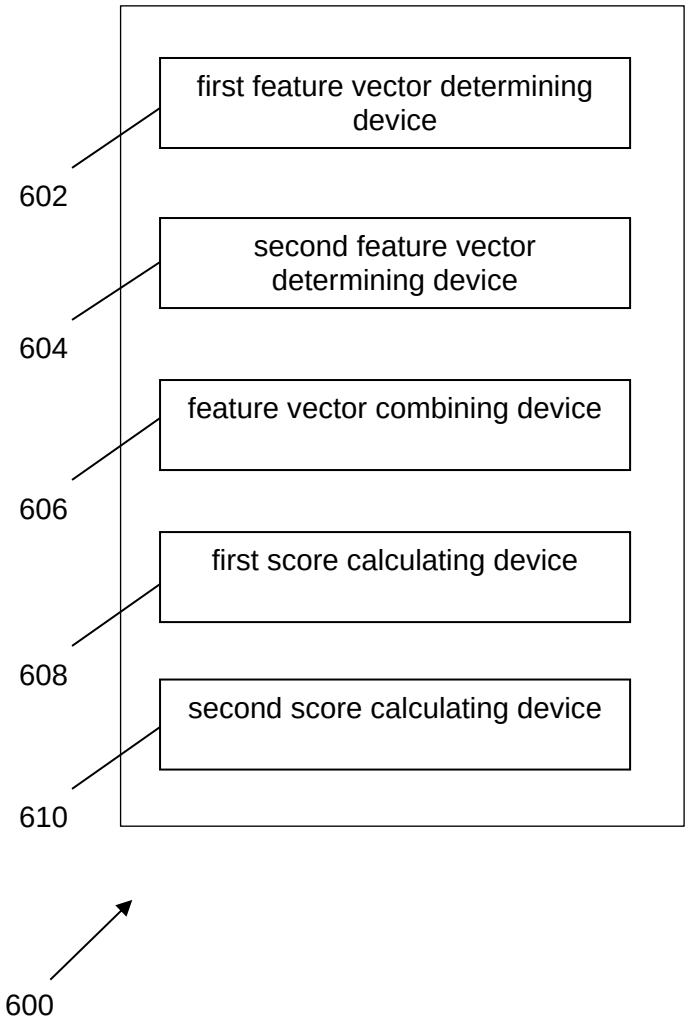

first feature vector determining device
602
second feature vector determining device
604
feature vector combining device
606
first score calculating device
608
second score calculating device
610
600

Figure 6

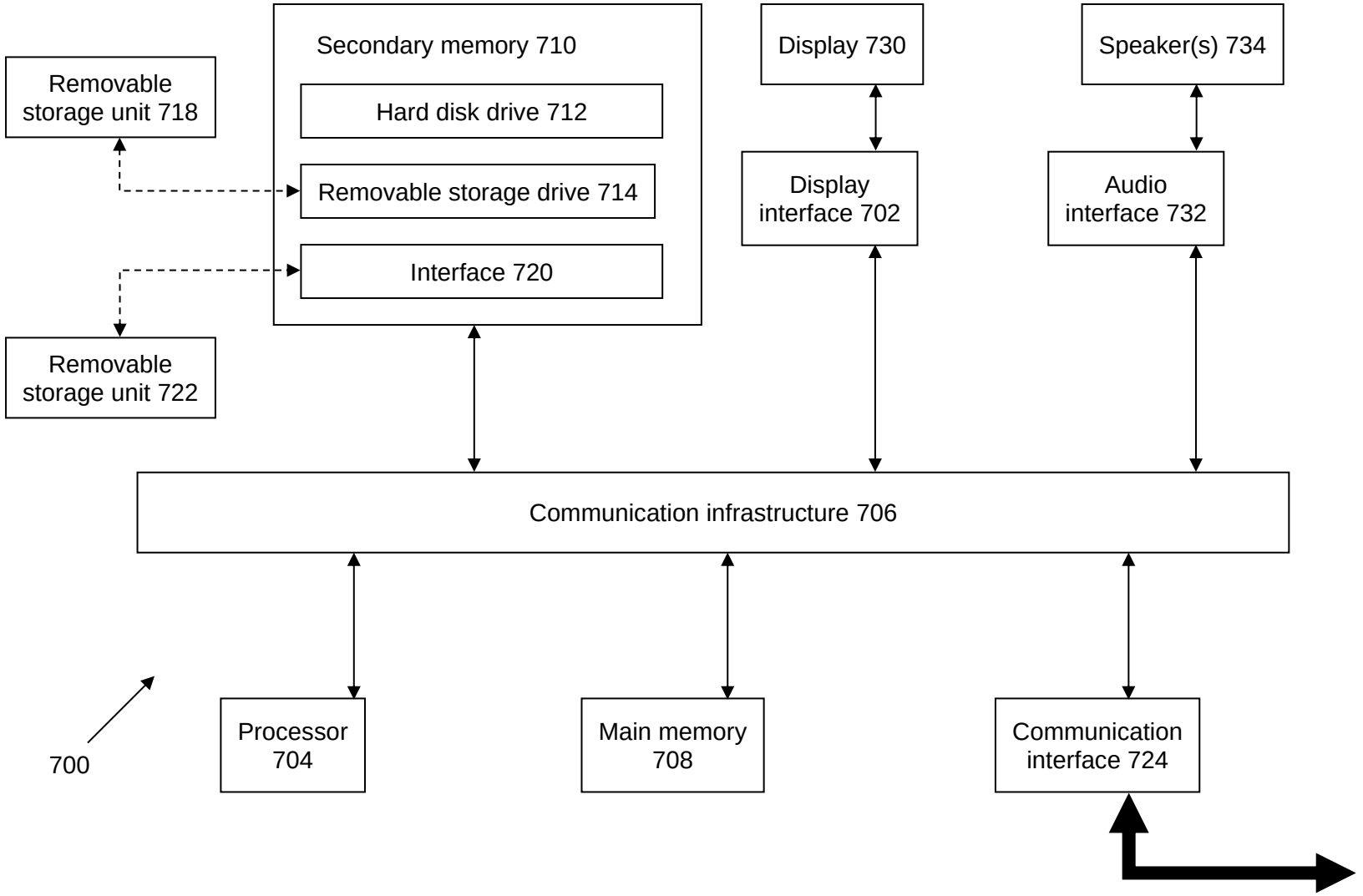

Secondary memory 710
Removable storage unit 718
Hard disk drive 712
Removable storage drive 714
Interface 720
Removable storage unit 722
Display 730
Display interface 702
Speaker(s) 734
Audio interface 732
Communication infrastructure 706
700
Processor 704
Main memory 708
Communication interface 724
Communication path 726

Figure 7