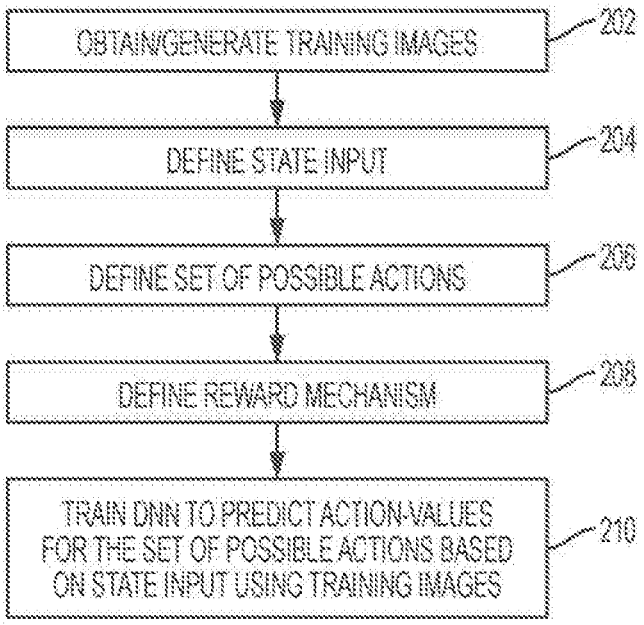
OBTAIN/GENERATE TRAINING IMAGES
202
DEFINE STATE INPUT
204
DEFINE SET OF POSSIBLE ACTIONS
206
DEFINE REWARD MECHANISM
208
TRAIN DNN TO PREDICT ACTION-VALUES FOR THE SET OF POSSIBLE ACTIONS BASED ON STATE INPUT USING TRAINING IMAGES
210

FIG. 2

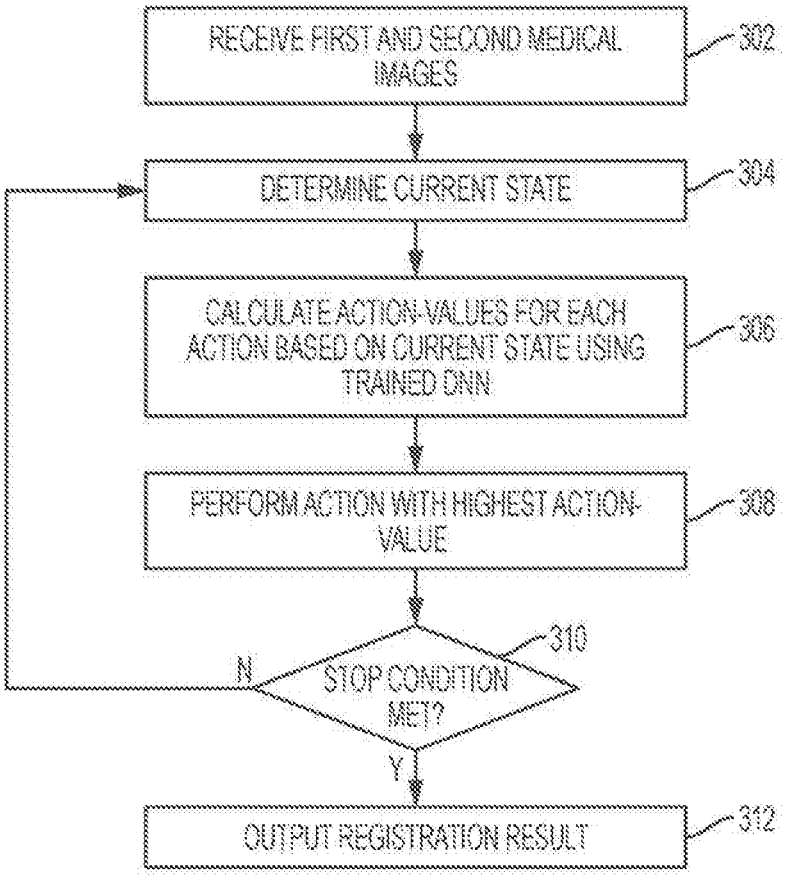
RECEIVE FIRST AND SECOND MEDICAL IMAGES
302
DETERMINE CURRENT STATE
304
CALCULATE ACTION-VALUES FOR EACH ACTION BASED ON CURRENT STATE USING TRAINED DNN
306
PERFORM ACTION WITH HIGHEST ACTION-VALUE
308
STOP CONDITION MET?
310
N
Y
OUTPUT REGISTRATION RESULT
312

FIG. 3