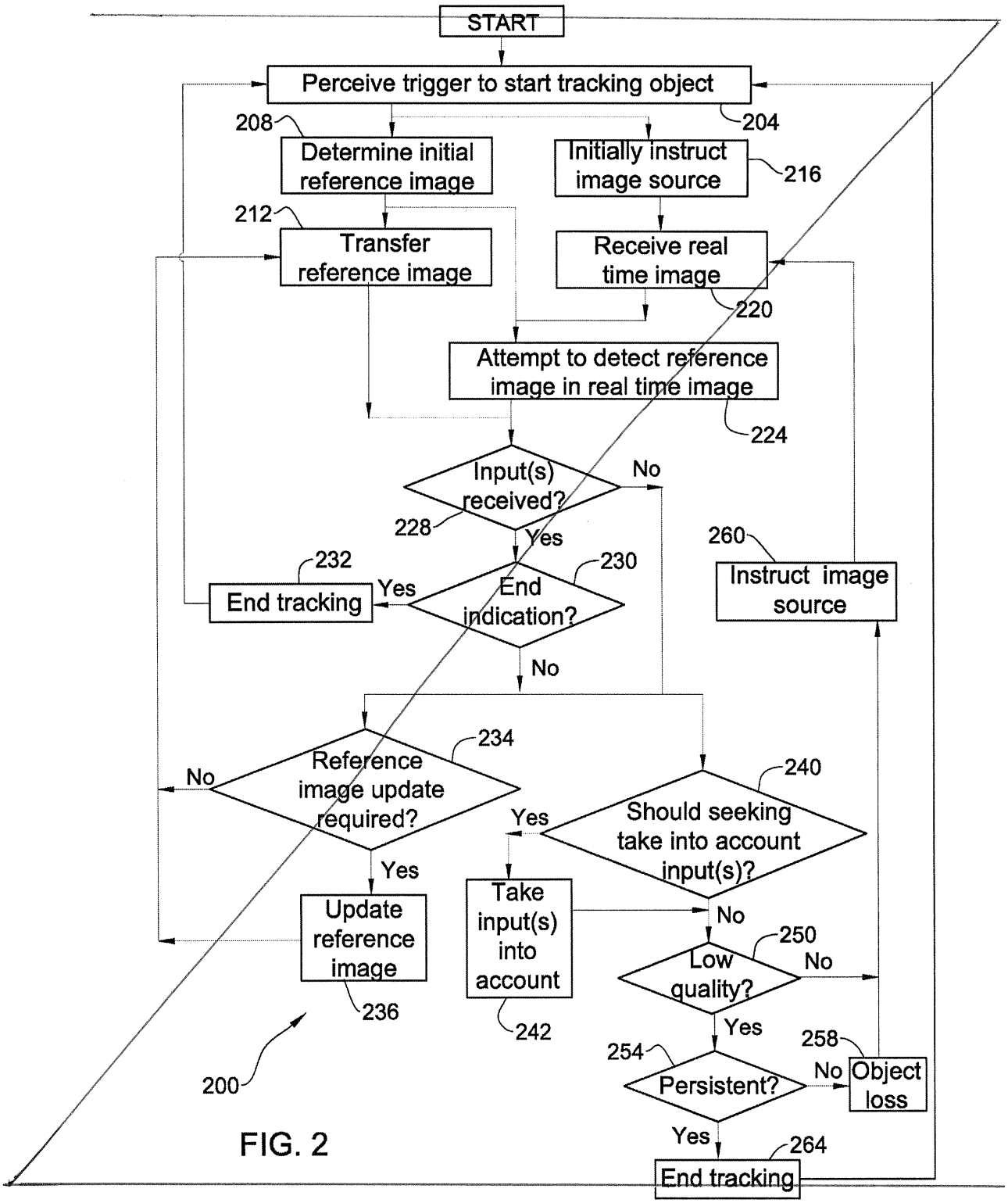
START
Perceive trigger to start tracking object
204
208
Determine initial reference image
Initially instruct image source
216
212
Transfer reference image
Receive real time image
220
Attempt to detect reference image in real time image
224
Input(s) received?
228
No
Yes
260
Instruct image source
232
End tracking
Yes
End indication?
230
No
234
Reference image update required?
No
Yes
240
Should seeking take into account input(s)?
Yes
Update reference image
236
Take input(s) into account
242
No
250
Low quality?
No
Yes
254
Persistent?
258
No
Object loss
Yes
264
End tracking
200

FIG. 2

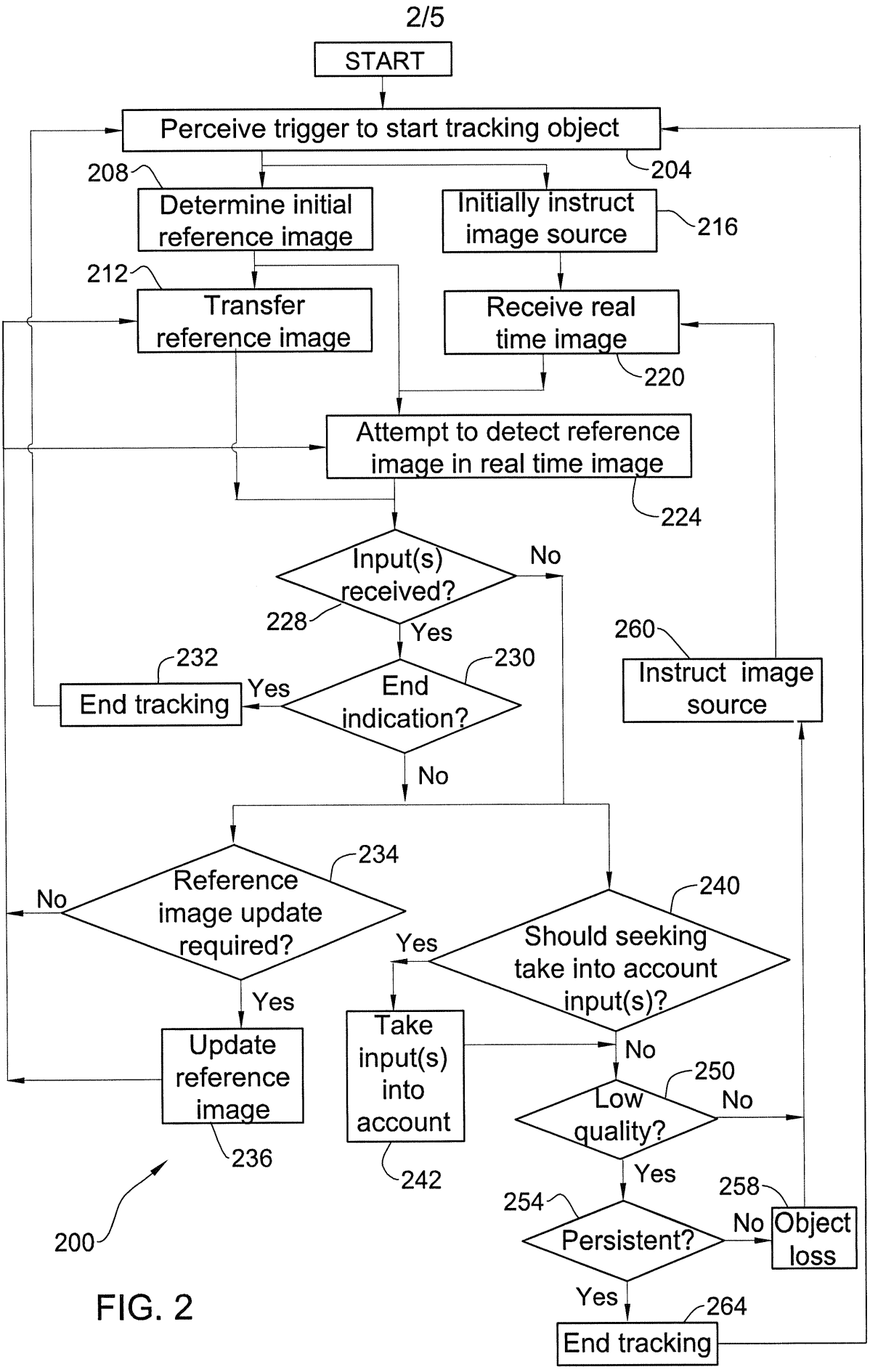
START
Perceive trigger to start tracking object
204
208
Determine initial reference image
Initially instruct image source
216
212
Transfer reference image
Receive real time image
220
Attempt to detect reference image in real time image
224
Input(s) received?
228
No
Yes
260
Instruct image source
232
End tracking
Yes
230
End indication?
No
234
Reference image update required?
No
Yes
Update reference image
236
240
Should seeking take into account input(s)?
Yes
Take input(s) into account
242
No
250
Low quality?
No
Yes
254
Persistent?
No
Object loss
258
Yes
264
End tracking
200

FIG. 2