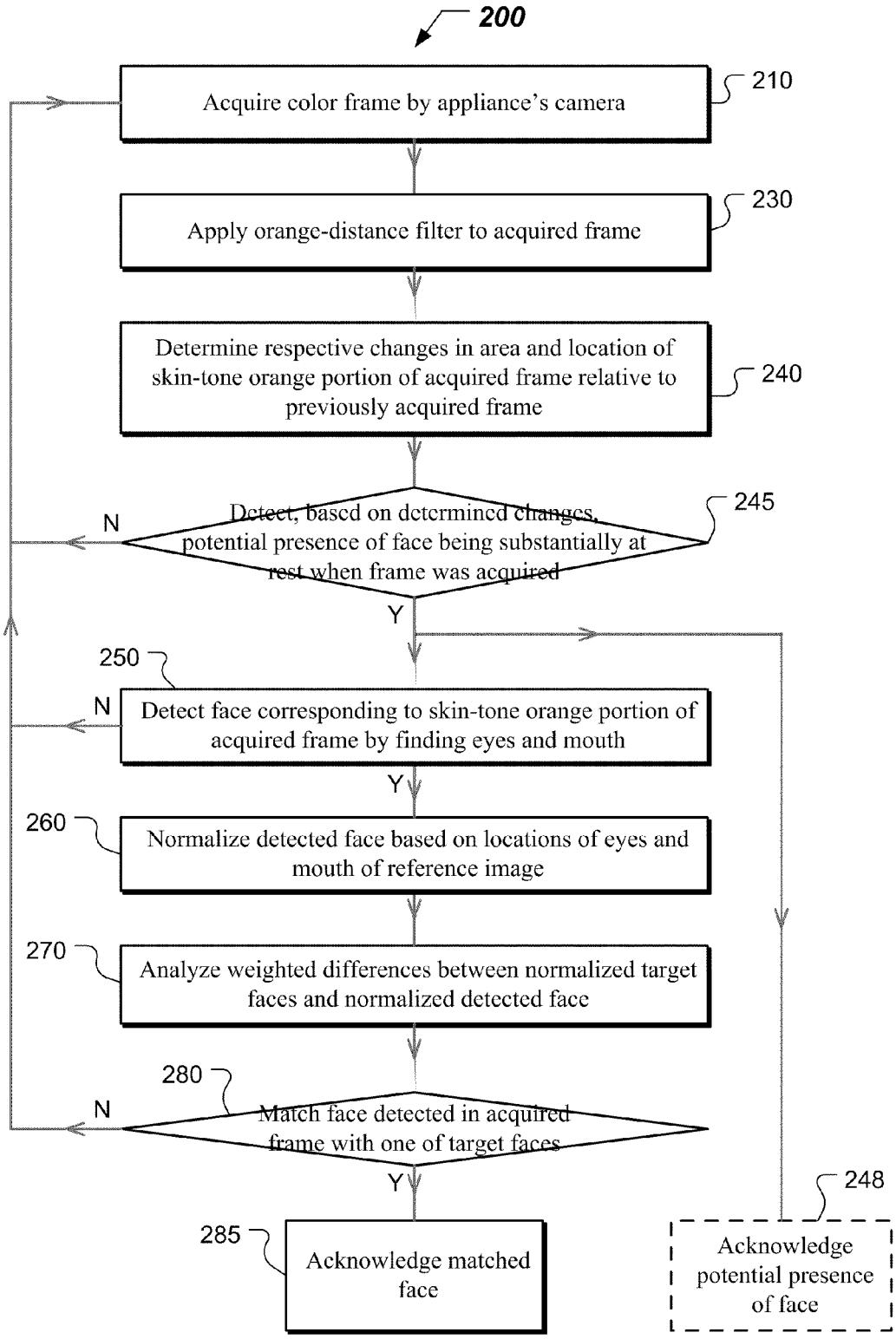
200
Acquire color frame by appliance's camera
210
Apply orange-distance filter to acquired frame
230
Determine respective changes in area and location of skin-tone orange portion of acquired frame relative to previously acquired frame
240
Detect, based on determined changes, potential presence of face being substantially at rest when frame was acquired
245
N
Y
250
Detect face corresponding to skin-tone orange portion of acquired frame by finding eyes and mouth
N
Y
260
Normalize detected face based on locations of eyes and mouth of reference image
270
Analyze weighted differences between normalized target faces and normalized detected face
280
Match face detected in acquired frame with one of target faces
N
Y
285
Acknowledge matched face
248
Acknowledge potential presence of face

FIG. 2