

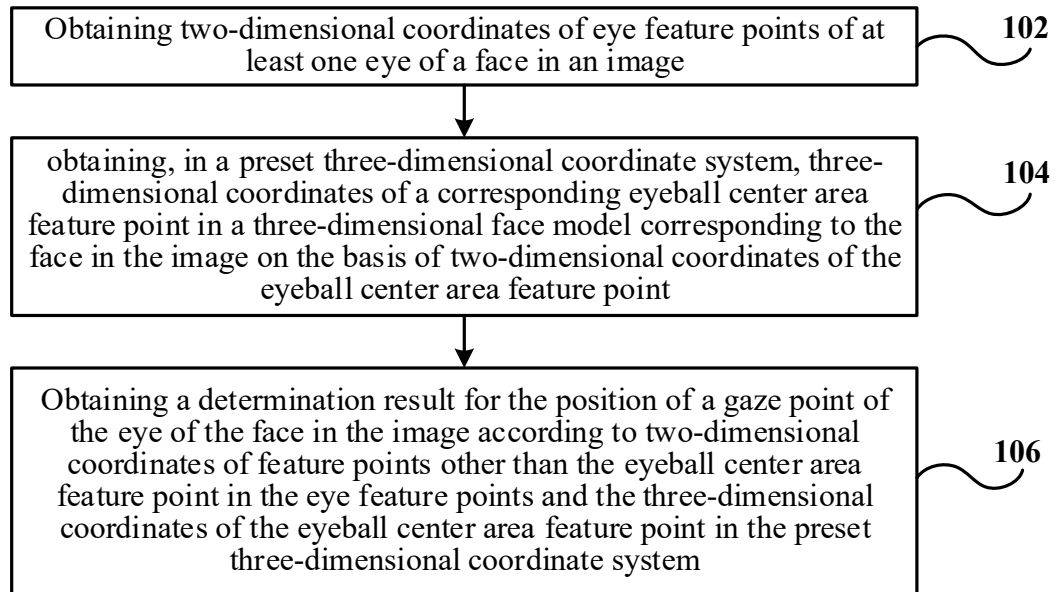
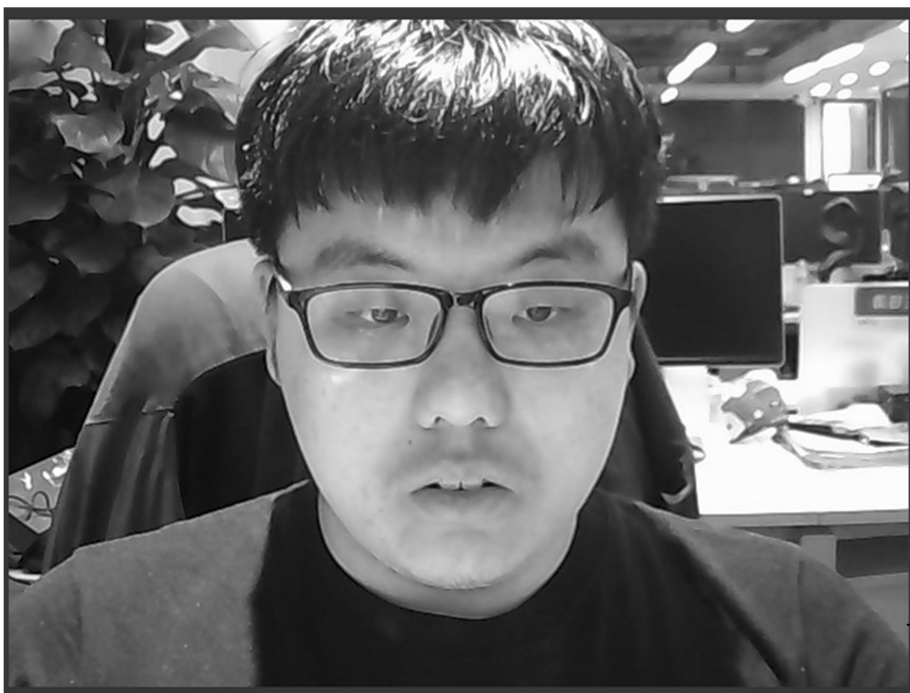
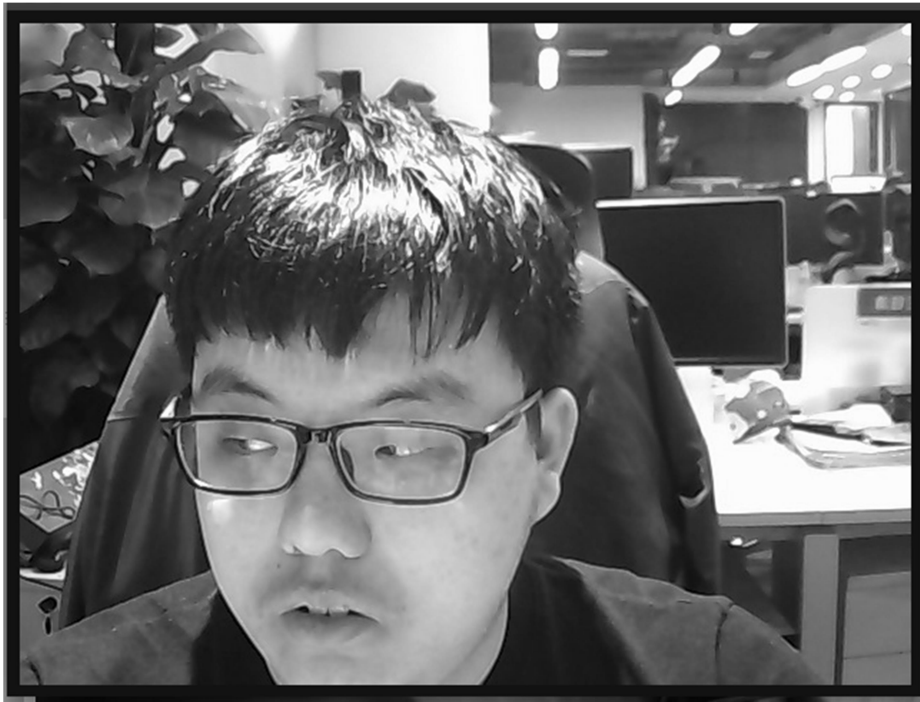


**FIG. 1**



Red

**FIG. 2A**



Blue

**FIG. 2B**

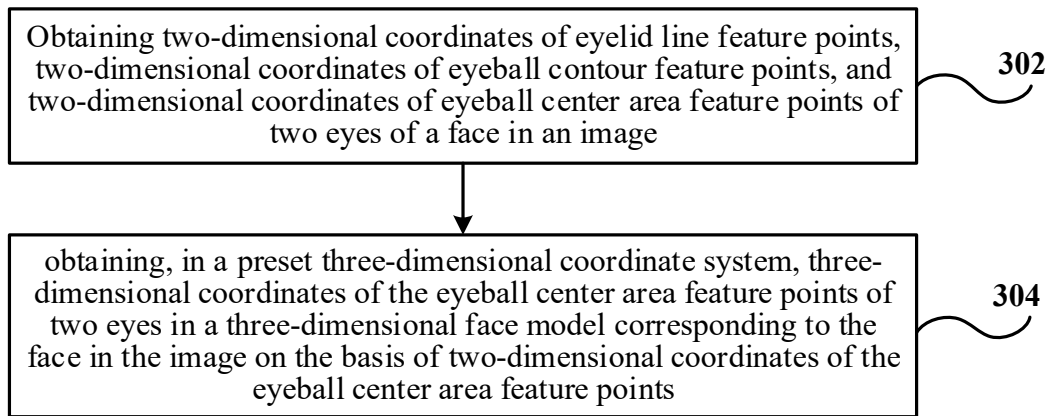


**FIG. 3**

Obtaining a loss between a determination result for the position of a gaze point of an eye of a face in an image and the position of the gaze point of the eye of the face in the image marked in the image corresponding to a training sample by means of a neural network according to two-dimensional coordinates of an eyelid line feature point, two-dimensional coordinates of an eyeball contour feature point, and three-dimensional coordinates of an eyeball center area feature point in a preset three-dimensional coordinate system of the training sample in a training set, and updating parameters of the neural network on the basis of the loss by means of back propagation

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After training the neural network for preset number of times, obtaining an accuracy rate of the determination result for the position of the gaze point of the eye of the face in the image by means of the neural network according to the two-dimensional coordinates of the eyelid line feature point, the two-dimensional coordinates of the eyeball contour feature point, and the three-dimensional coordinates of the eyeball center area feature point in the preset three-dimensional coordinate system of the training sample in the training set, and stopping training the neural network according to the accuracy rate

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**FIG. 4**

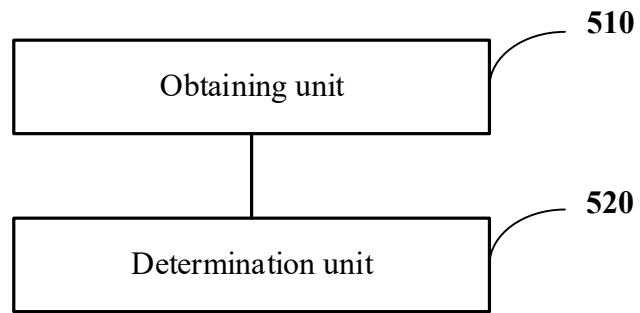


**FIG. 5**

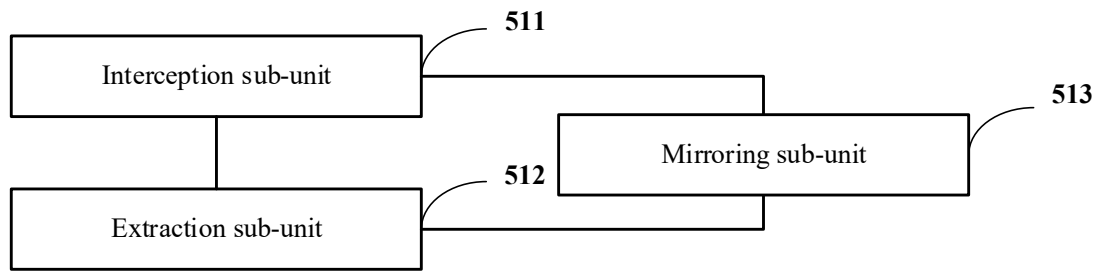


**FIG. 6**

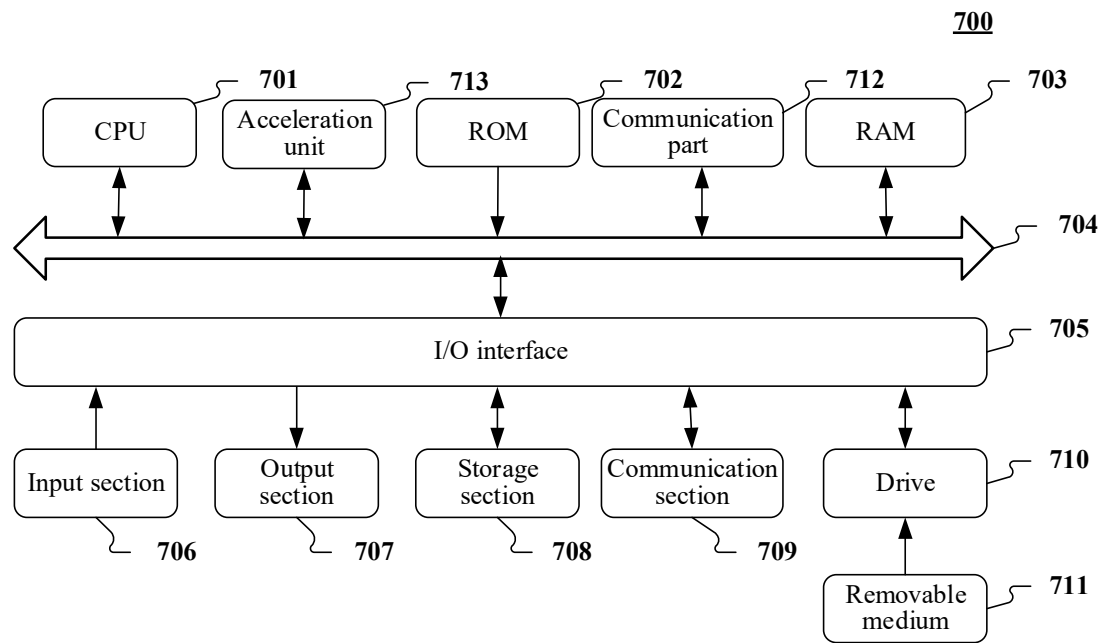


**FIG. 7**