

WHAT IS CLAIMED IS:

[Claim1]. A method performed by one or more processors of a server for identity authentication, the method comprising:

obtaining an image collected by a terminal, wherein the image includes a first image and a second image;

requesting, by the server, the image from the terminal;

obtaining, from the image, biometric information for authentication in a first preset region on the image, and identity information in a second preset region on the image;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image;

recognizing the identity information in the second preset region of the first image and the second preset region of the second image, wherein a relative position between the first preset region and the second preset region of the first image is different from a relative position between the first preset region and the second preset region of the second image, and the difference between the relative positions allows the server to determine whether the image is a real-time image;

in response to a determination that the image is the real-time image, obtaining prestored biometric information corresponding to the identity information;

determining whether the biometric information for authentication matches the prestored biometric information; and

responsive to the determination that the biometric information for authentication matches the prestored biometric information, determining that the identity authentication is successful, or

responsive to the determination that the biometric information for authentication does not match the prestored biometric information, determining that the identity authentication is not successful.

[Claim 2]. The method of claim 1, wherein:

the biometric information for authentication includes facial feature information for authentication, and

the prestored biometric information includes prestored facial feature information.

[Claim 3]. The method of claim 2, wherein:

obtaining the image collected by the terminal includes obtaining a first image and a second image collected by the terminal;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image includes:

recognizing first facial feature information for authentication in the first preset region of the first image, and

recognizing second facial feature information for authentication in the second preset region of the second image; and

before determining whether the biometric information for authentication matches the prestored biometric information, the method further comprises:

determining that the first facial feature information for authentication includes first specified feature information, and

determining that the second facial feature information for authentication includes second specified feature information, wherein:

the first specified feature information and the second specified feature information include expressive feature information, and the first specified feature information and the second specified feature information are different.

[Claim 4]. The method of claim 1, wherein:

obtaining the image collected by the terminal includes obtaining a third image and a fourth image collected by the terminal,

recognizing the biometric information for authentication in the first preset region of the image includes recognizing the biometric information for authentication in a first preset region of the third image and a first preset region of the fourth image, and

recognizing the identity information in the second preset region of the image includes:

recognizing the identity information in a second preset region of the third image and a second preset region of the fourth image,

wherein a relative position between the first preset region and the second preset region of the third image are different from a relative position between the first present region and the second present region of the fourth image.

[Claim 5]. The method of claim 1, wherein obtaining the prestored biometric information corresponding to the identity information includes obtaining the prestored biometric information corresponding to the identity information from a third party system.

[Claim 6]. The method of claim 5, wherein the third party system is an identity document management system of a government authority.

[Claim 7]. A server for identity authentication, the server comprising:
a memory storing a set of instructions; and
one or more processors configured to execute the set of instructions to cause the server to perform:

obtaining an image collected by a terminal, wherein the image includes a first image and a second image;

requesting, by a server, the image from the terminal;

obtaining, from the image, biometric information for authentication in a first preset region on the image, and identity information in a second preset region on the image;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image;

recognizing the identity information in the second preset region of the first image and the second preset region of the second image, wherein a relative position between the first preset region and the second preset region of the first image is different from a relative position between the first preset region and the second preset region of the second image, wherein the difference between the relative positions allows the server to determine whether the image is a real-time image;

in response to a determination that the image is a real-time image, obtaining prestored biometric information corresponding to the identity information;

determining whether the biometric information for authentication matches the prestored biometric information; and

responsive to the determination that the biometric information for authentication matches the prestored biometric information, determining that the identity authentication is successful, or

responsive to the determination that the biometric information for authentication does not match the prestored biometric information, determining that the identity authentication is not successful.

[Claim 8]. The server of claim 7, wherein:

the biometric information for authentication includes facial feature information for authentication, and

the prestored biometric information includes prestored facial feature information.

[Claim 9]. The server of claim 8, wherein:

obtaining the image collected by the terminal includes obtaining a first image and a second image collected by the terminal;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image includes:

recognizing first facial feature information for authentication in the first preset region of the first image, and

recognizing second facial feature information for authentication in the second preset region of the second image; and

before determining whether the biometric information for authentication matches the prestored biometric information, the method further comprises:

determining that the first facial feature information for authentication includes first specified feature information, and

determining that the second facial feature information for authentication includes second specified feature information, wherein:

the first specified feature information and the second specified feature information include expressive feature information, and
the first specified feature information and the second specified feature information are different.

[Claim 10]. The server of claim 7, wherein:

obtaining the image collected by the terminal includes obtaining a third image and a fourth image collected by the terminal,

recognizing the biometric information for authentication in the first preset region of the image includes recognizing the biometric information for authentication in a first preset region of the third image and a first preset region of the fourth image, and
recognizing the identity information in the second preset region of the image includes:

recognizing the identity information in a second preset region of the third image and a second preset region of the fourth image,

wherein a relative position between the first preset region and the second preset region of the third image are different from a relative position between the first present region and the second present region of the fourth image.

[Claim 11]. The server of claim 7, wherein obtaining the prestored biometric information corresponding to the identity information includes obtaining the prestored biometric information corresponding to the identity information from a third party system.

[Claim 12]. The server of claim 11, wherein the third party system is an identity document management system of a government authority.

[Claim 13]. A non-transitory computer readable medium that stores a set of instructions that is executable by at least one processor of a server to cause the server to perform a method for identity authentication, the method comprising:

obtaining an image collected by a terminal, wherein the image includes a first image and a second image;

requesting, by the server, the image from the terminal;

obtaining, from the image, biometric information for authentication in a first preset region on the image, and identity information in a second preset region on the image;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image;

recognizing the identity information in the second preset region of the first image and the second preset region of the second image, wherein a relative position between the first preset region and the second preset region of the first image is different from a relative position between the first preset region and the second preset region of the second image, and the difference between the relative positions allows the server to determine whether the image is a real-time image;

in response to a determination that the image is the real-time image, obtaining prestored biometric information corresponding to the identity information;

determining whether the biometric information for authentication matches the prestored biometric information; and

responsive to the determination that the biometric information for authentication matches the prestored biometric information, determining that the identity authentication is successful, or

responsive to the determination that the biometric information for authentication does not match the prestored biometric information, determining that the identity authentication is not successful.

[Claim 14]. The non-transitory computer-readable medium of claim 13, wherein:

the biometric information for authentication includes facial feature information for authentication, and

the prestored biometric information includes prestored facial feature information.

[Claim 15]. The non-transitory computer-readable medium of claim 14, wherein:

obtaining the image collected by the terminal includes obtaining a first image and a second image collected by the terminal;

recognizing the biometric information for authentication in the first preset region of the first image and in the first preset region of the second image includes:

recognizing first facial feature information for authentication in the first preset region of the first image, and

recognizing second facial feature information for authentication in the second preset region of the second image; and

before determining whether the biometric information for authentication matches the prestored biometric information, the method further comprises:

determining that the first facial feature information for authentication includes first specified feature information, and

determining that the second facial feature information for authentication includes second specified feature information, wherein:

the first specified feature information and the second specified feature information include expressive feature information, and

the first specified feature information and the second specified feature information are different.

[Claim 16]. The non-transitory computer-readable medium of claim 13, wherein:

obtaining the image collected by the terminal includes obtaining a third image and a fourth image collected by the terminal,

recognizing the biometric information for authentication in the first preset region of the image includes recognizing the biometric information for authentication in a first preset region of the third image and a first preset region of the fourth image, and

recognizing the identity information in the second preset region of the image includes:

recognizing the identity information in a second preset region of the third image and a second preset region of the fourth image,

wherein a relative position between the first preset region and the second preset region of the third image are different from a relative position between the first present region and the second present region of the fourth image.

[Claim 17]. The non-transitory computer-readable medium of claim 13, wherein obtaining the prestored biometric information corresponding to the identity information includes obtaining the prestored biometric information corresponding to the identity information from a third party system.

[Claim 18]. The non-transitory computer-readable medium of claim 17, wherein the third party system is an identity document management system of a government authority.