IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: 　Leo Portal	Customer No. 70001
Application No.: 17/062,249	Confirmation No.: 5432
Filed: October 2, 2020	Art Unit: 2666
For: METHOD AND SYSTEM FOR VERIFYING 　　　IMAGE IDENTIFICATION	Examiner: Ruiping Li

ALLOWED CLAIMS PER
NOTICE OF ALLOWANCE MAILED MARCH 24, 2023

1.　　(Allowed) A system for verifying the identity of a user, the system comprising:

a computing device interface for receiving a picture from a computing device of the user;

a facial feature extractor module that receives a facial image and determines identifying features from the facial image;

an image template database coupled to the facial feature extractor module, the image template database storing a template image associated with the user;

a verified image gallery database coupled to the facial feature extractor module;

a general image gallery database coupled to the facial feature extractor module; and

a match processing module operable to:

determine whether there is a facial image of the user in the picture and whether there is another person in the picture;

activate the facial feature extractor module to determine identifying features from the facial image of the user;

receive the facial image and compare the determined identifying features with the template image to determine verification of the facial image;

store the picture as a verified image in the verified image gallery associated with the user in a verified image database if verification is determined; and

store the picture in a general image gallery associated with the user in the general image gallery database if verification is not determined or if there is another person in the picture.

2.   (Canceled)

3.   (Allowed) The system of claim 1, wherein the interface on the computing device allows a display of verified images in the verified image gallery, wherein the displayed images are marked with an indication of verification.

4.   (Allowed) The system of claim 1, wherein the computing device is operable to access an image from the verified image gallery for transmission to another computing device, wherein the transmitted image includes an indicator that the image is verified.

5.   (Canceled)

6.   (Allowed) The system of claim 1, wherein the computing device is operable to edit a picture stored in the general image gallery associated with the user to meet the criteria of a verified image, and wherein the match processor module is operable to store the edited picture as a verified image in the verified image gallery.

7.   (Allowed) The system of claim 1, wherein the verification includes determining biometric features from the facial image, comparing the biometric features with those of the template image, and verifying if the biometric features exceed a predetermined threshold in comparison to the template image.

8.   (Allowed) The system of claim 1, wherein the verification includes determining whether the picture does not show any persons, wherein the picture is stored in the general image gallery if the picture does not show any persons.

9.   (Allowed) The system of claim 1, wherein the computing device is a mobile device including a camera.

10.   (Allowed) The system of claim 1, wherein a time stamp is applied when the picture is obtained by the application on the computing device.

11.   (Allowed) The system of claim 1, wherein the computing device is operable to edit the picture, and wherein a time stamp is applied when the picture is edited.

12.   (Allowed) The system of claim 1, wherein the computing device is operable to display a message board including indicators of a message from another user and an indicator that a verified image of the another user is attached to the message.

13.   (Allowed) A computing device including an application operable to provide verification of an image of a user, the computing device comprising:

    a display;

    a camera operable to capture a picture;

    a controller operated by the application to:

        receive the picture;

        determine whether there is a facial image of the user in the picture and whether there is another person in the picture;

        verify whether the picture shows the user based on biometric features in comparison to biometric features of a template image of the user;

        store the picture as a verified image of the user in a verified image gallery associated with the user in a verified image database if the picture is verified; and

        store the picture in a general image gallery associated with the user in the general image gallery database the picture is not verified or if there is another person in the picture.

14.   (Allowed) The computing device of claim 13, further comprising a transceiver, wherein the controller is further operable by the application to display verified images from the verified

image gallery associated with the user, and allow the user to select one of the verified images to be sent to another device via the transceiver.

15.   (Allowed) The computing device of claim 14, wherein the displayed verified images are marked with an indication of verification.

16.   (Allowed) The computing device of claim 14, wherein the controller is operable to select a verified image from the display for transmission to another computing device, wherein the transmitted image includes an indicator that the image is verified.

17.   (Canceled)

18.   (Allowed) The computing device of claim 13, wherein the verification is based on a verified criteria including whether the picture does not show any persons .

19.   (Allowed) The computing device of claim 13, wherein the controller is operable by the application to edit a picture stored in the general image gallery associated with the user to meet the criteria of a verified image, and wherein the controller is operable to store the edited picture in the verified image gallery.

20.   (Allowed) A method of verifying the identification of an image of a user comprising:
        storing a template image associated with the user in a template image database;
        receiving a picture from a computing device operated by the user;
        determining whether there is a facial image of the user in the picture and whether there is another person in the picture;
        determining identifying features from the facial image via a facial feature extractor module;
        verifying the facial image with the identity of the user by comparing the identifying features with those of the stored template image associated with the user via a match processor;
        storing the picture as a verified image in a verified image gallery associated with the user in a verified image database if the facial image is verified; and

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storing the picture in a general image gallery associated with the user in the general image gallery database if the facial image is not verified or if there is another person in the picture.

21.   (Canceled)

22.   (Allowed) The method of claim 20, further comprising displaying an interface on the computing device having verified images in the verified image gallery associated with the user in the verified image gallery database, wherein the displayed images are marked with an indication of verification.

23.   (Allowed) The method of claim 20, further comprising accessing an image from the verified image gallery for transmission to another computing device, wherein the transmitted image includes an indicator that the facial image is verified.

24.   (Canceled)

25.   (Allowed) The method of claim 20, further comprising generating an interface allowing editing a picture stored in the general image gallery associated with the user to meet the criteria of a verified image, and storing the edited picture in the verified image gallery.

26.   (Allowed) The method of claim 20, wherein the verification includes determining biometric features from the facial image, comparing biometric features with those of the template image, and verifying if the biometric features exceed a predetermined threshold in comparison to the template image.

27.   (Allowed) The method of claim 20, wherein the verification includes determining whether the facial image does not show any persons.

28.   (Allowed) The method of claim 20, wherein the computing device is a mobile device including a camera.

29.   (Allowed) The method of claim 20, further comprising applying a time stamp when the picture is obtained by the computing device.

30.   (Allowed) The method of claim 20, further comprising displaying an interface to edit the picture, and applying a time stamp when the picture is edited.

31.   (Allowed) The method of claim 20, further comprising displaying a message board including indicators of a message from another user and an indicator that a verified image of the another user is attached to the message.

32.   (Allowed)   The system of claim 6, wherein the picture stored in the general image gallery associated with the user includes another person, wherein the edited picture crops out the another person.