Claim(s)

1. An apparatus comprising:

at least one display;

at least one image capturing device;

at least one processor coupled to the at least one display and the at least one image capturing device ; and

at least one memory device, coupled to the at least one processor, storing a set of instructions for execution by the at least one processor, the set of instructions instruct the at least one processor to:

cause the at least one display to display first at least one detection point corresponding to first at least one position on the at least one display;

cause the at least one image capturing device to capture a first image of an Identification (ID) card associated with a customer; and

process the first image to determine at least one of a location of each corner of the ID card or a location of a center of the ID card;

determine, based on the at least one of the location of each corner of the ID card or the location of the center of the ID card, that the first image of the ID card matches the first at least one detection point; and

cause the at least one display to prompt the customer to reposition the at least one image capturing device so that a second image of the ID card is captured to coincide with second at least one detection point corresponding to second at least one position on the at least one display.

2. The apparatus as in claim 1, wherein the first at least one detection point and the second at least one detection point are being displayed on the display in a sequential manner such that the first at least one detection point is displayed followed by the second at least one detection point.

3. The apparatus as in claim 2, the set of instructions further instruct the at least one processor to:

cause the at least one display to display the second at least one detection point on the corresponding second at least one position in response to determining that the first image of the ID card matches the first at least one detection point.

4. The apparatus as in claim 3, the set of instructions further instruct the at least one processor to:

cause the at least one capture device to capture a second image after causing the at least one display to display the second at least one detection point;

determine that the second image of the ID card coincides with the second at least one detection point; and

determine the ID card as authentic.

5. The apparatus as in claim 4, wherein the ID card is determined as authentic if the second at least one detection point is displayed within a predetermined period after the first at least one detection point is displayed.

6. The apparatus as in claim 1, wherein the first at least one detection point and the second at least one detection point are displayed in a simultaneous manner and are visually distinguishable.

7. An authentication method comprising:

providing first at least one detection point corresponding to first at least one position on at least one display;

capturing a first image of an identification (ID) card associated with a customer;

processing the first image to determine at least one of a location of each corner of the ID card or a location of a center of the ID card;

determining, based on the at least one of the location of each corner of the ID card or the location of a center of the ID card, that the first image of the ID card matches the first at least one detection point; and

causing the at least one display to prompt the customer to reposition at least one image capturing device used to capture the first image so that a second image of the ID card is captured to coincide with second at least one position on the at least one display.