In view of the above, according to an aspect of the present disclosure, there is provided an identification assembly for an identity document comprising a substrate with a substantially planar configuration, and an adjacent surface hingeably attached to the substrate and provided adjacent to the substrate, wherein the substrate comprises at least two image areas, a first image area having a first image, characterized in that the substrate comprises a second image area comprising a second laser produced image, and a third image corresponding to the second image is provided through the second image area onto the adjacent surface, the third image being visible for a user by hinging the substrate away from the adjacent surface, and wherein the first image area is opaque and the second image area is transparent.

According to an example of the present disclosure, there is provided a method for producing an identification assembly as described herein, wherein the method comprises the following steps:

- providing a substrate comprising at least two image areas;
- providing an adjacent surface to said substrate,
- attaching the substrate to the adjacent surface in a hinging manner,
- laser producing a first image in a first image area without laser energy being transferred to the adjacent surface;
- laser producing a second image onto a second image area while allowing part of the laser energy to penetrate through the substrate and to form an image in the adjacent surface, being the second image area opaque and the second image area transparent.

Claims:

1. An identification assembly for an identity document comprising a substrate with a substantially planar configuration, and an adjacent surface hingeably attached to the substrate and provided adjacent to the substrate, wherein the substrate comprises at least two image areas, a first image area having a first image, **characterized in that** the substrate comprises a second image area comprising a second laser produced image, and a third image corresponding to the second image is provided through the second image area onto the adjacent surface, the third image being visible for a user by hinging the substrate away from the adjacent surface, and wherein the first image area is opaque and the second image area is transparent.

2. Identification assembly according to claim 1, wherein the second laser produced image is engraved, perforated or ablated in the second image area of the substrate.

3. Identification assembly according to claim 1 or 2, wherein the substrate comprising plastic material, such as polycarbonate.

4. Identification assembly according to claims 1-3, wherein the second image area comprises a laser meltable material such as a metal layer.

5. Identification assembly according to any of the preceding claims, wherein the second laser produced image corresponds to the first image.

6. Identification assembly according to any of the preceding claims, wherein the first image is a human face.

7. Identification assembly according to any of the preceding claims, wherein the adjacent surface comprises a laser sensitive material which produces a visible pattern when irradiated by a laser.

8. Identification assembly according to claim 7, wherein the laser sensitive material comprises an ink.

9. Identification assembly according to any of the preceding claims, wherein the second laser produced image is formed by laser engraving and the amount of the laser energy absorbed by the adjacent surface is at least 10 times higher than the amount of laser energy absorbed in the second image area.

10. Identification assembly according to any of the preceding claims, wherein the second laser produced image is formed by laser ablation or perforation and the amount of laser energy absorbed by the adjacent surface is at least 10 times lower than the amount of laser energy absorbed in the second image area.

11. Identification assembly according to any of the preceding claims, wherein the second image area comprises openings that form a defined pattern, e.g. a portrait of a human face or data

12. Identification assembly according to any of the preceding claims, wherein the thickness of the substrate comprising plastic material is about 300-900 µm.

13. Identification assembly according to any of the preceding claims, wherein the thickness of the second image area is about 300-900 µm.