DESCRIPTION

Title of Invention: THIN FILM APPLICATION DEVICE AND THIN FILM FORMING METHOD

Technical Field

[0001]

The present invention relates to a thin film application device and a thin film forming method, and in particular relates to a thin film application device used at a time of applying a thin film such as a beauty sheet or the like to an applied face (skin, in the case of a beauty sheet), and a thin film forming method suitable to use with such a thin film application device.

Background Art

[0002]

Heretofore, there has been technology to make discoloration regions on the skin, such as blemishes on the cheeks, less conspicuous (e.g., see PTL 1). In the technology described in PTL 1, first, the discoloration region on the skin is identified from an image taken of the skin. A beauty sheet (thin film) that can be applied to the skin and has a non-discoloration region color printed thereupon is generated at the same size as the discoloration region or a larger size than the discoloration region. Applying a beauty sheet fabricated in this way enables the discoloration region of the skin to be made inconspicuous.

Citation List

Patent Literature

[0003]

PTL 1: Japanese Unexamined Patent Application Publication No. 2015-43836

PTL 2: Japanese Unexamined Patent Application Publication No. 2014-140978

PTL 3: Japanese Unexamined Patent Application Publication No. 3-157313

PTL 4: Japanese Unexamined Patent Application Publication No. 9-302294

PTL 5: Japanese Unexamined Patent Application Publication No. 2012-203425

Summary

[0004]

The user holds the thin film described in PTL 1 with the hand and applies to the skin, so there is a possibility that the image portion on the thin film may be applied in a state deviated from the applied face that is the target of application. In such a case, the user will peel the thin film off of the applied face and reapply, which is troublesome and work efficiency is poor.

[0005]

Accordingly, an aspect of the present disclosure provides a thin film applying device which can apply a thin film to an applied face in an efficient manner. Also provided is a thin film forming method suitable for use with such a thin film applying device.

[0005A] According to an aspect, there is a thin film application device used to apply a thin film (702) on a skin (511) of an application object (400), the thin film application device comprising: a frame (620, 620b) mountable to the application object (400); a thin film holding member (640), that has a tentative application portion (644) to which the thin film (702) can be tentatively applied to a side

face facing the skin (511) in use, and that is supported by the frame (620, 620b) so that the tentative application portion (644) can be pressed against the skin (511), and that is detachably mountable to the frame (620, 620b); and a supporting portion (623, 623a) supports the thin film holding member (640) with the side face of the thin film holding member (640) facing the skin (511) when the frame (620, 620b) is mounted to the application object (400); characterized in that the supporting portion (623, 623a) is provided to be capable of displacement as to a frame main unit (621) of the frame (620, 620b), and moves between a first position where the supporting portion (623, 623a) covers the skin (511) when the frame (620, 620b) is mounted on the application object (400), and a second position where the supporting portion (623, 623a) does not cover the applied face (511) when the frame (620, 620b) is mounted on the application object (400).

[0006]

A thin film application device according to the present is a thin film application device used to apply a thin film on an applied face of an application object, and includes a frame mountable to the application object, and a thin film holding member, that has a tentative application portion to which the thin film can be tentatively applied to a side face facing the applied face in use, and that is supported by the frame so that the tentative application portion can be pressed against the applied face, and that is detachably mountable to the frame.

[0007]

According to the present disclosure, a thin film can be efficiently applied to an applied face.

Brief Description of Drawings

[0008]

[Fig. 1] Fig. 1 is schematic diagrams for describing a thin film forming method performed using a thin film application device according to a first embodiment of the present disclosure, and a thin film application method.

[Fig. 2] Fig. 2 is a perspective view illustrating the thin film application device according to the first embodiment of the present disclosure obliquely from the front side.

[Fig. 3] Fig. 3 is a perspective view illustrating the thin film application device according to the first embodiment of the present disclosure obliquely from the rear side.

[Fig. 4] Fig. 4(a) is a perspective view of a holding member for tentatively holding a thin film at the time of using the thin film application device according to

Claims

1. A thin film application device used to apply a thin film (702) on a skin (511) of an application object (400), the thin film application device comprising:

a frame (620, 620b) mountable to the application object (400);

a thin film holding member (640), that has a tentative application portion (644) to which the thin film (702) can be tentatively applied to a side face facing the skin (511) in use, and that is supported by the frame (620, 620b) so that the tentative application portion (644) can be pressed against the skin (511), and that is detachably mountable to the frame (620, 620b); and

a supporting portion (623, 623a) supports the thin film holding member (640) with the side face of the thin film holding member (640) facing the skin (511) when the frame (620, 620b) is mounted to the application object (400);

characterized in that the supporting portion (623, 623a) is provided to be capable of displacement as to a frame main unit (621) of the frame (620, 620b), and moves between a first position where the supporting portion (623, 623a) covers the skin (511) when the frame (620, 620b) is mounted on the application object (400), and a second position where the supporting portion (623, 623a) does not cover the applied face (511) when the frame (620, 620b) is mounted on the application object (400).

2. The thin film application device according to Claim 1, wherein the thin film holding member (640) includes

a supporting base (641) detachably mountable to the frame (620, 620b), and

a soft member (642) fixed to the supporting base (641) in a layered state,

3. The thin film application device according to Claim 1 or 2, wherein the frame (620, 620b) has a retaining portion (622) that is capable of being retained to the application object (400).

4. The thin film application device according to one of Claims 1 to 3, wherein the tentative application portion (644) has the shape of a curved face.

5. The thin film application device according to one of Claims 1 to 4, wherein the frame (620, 620b) has a reference point indication portion that indicates a reference point for position coordinates obtaining of the skin (511) when mounted to the application object (400).