US 20100212065A1

(19) **United States**

(12) **Patent Application Publication**

(10) **Pub. No.: US 2010/0212065 A1**

(43) **Pub. Date: Aug. 26, 2010**

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(54) **FOLDABLE MASK WITH TEMPLES**

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(21) Appl. No.: **12/379,456**

(22) Filed: **Feb. 23, 2009**

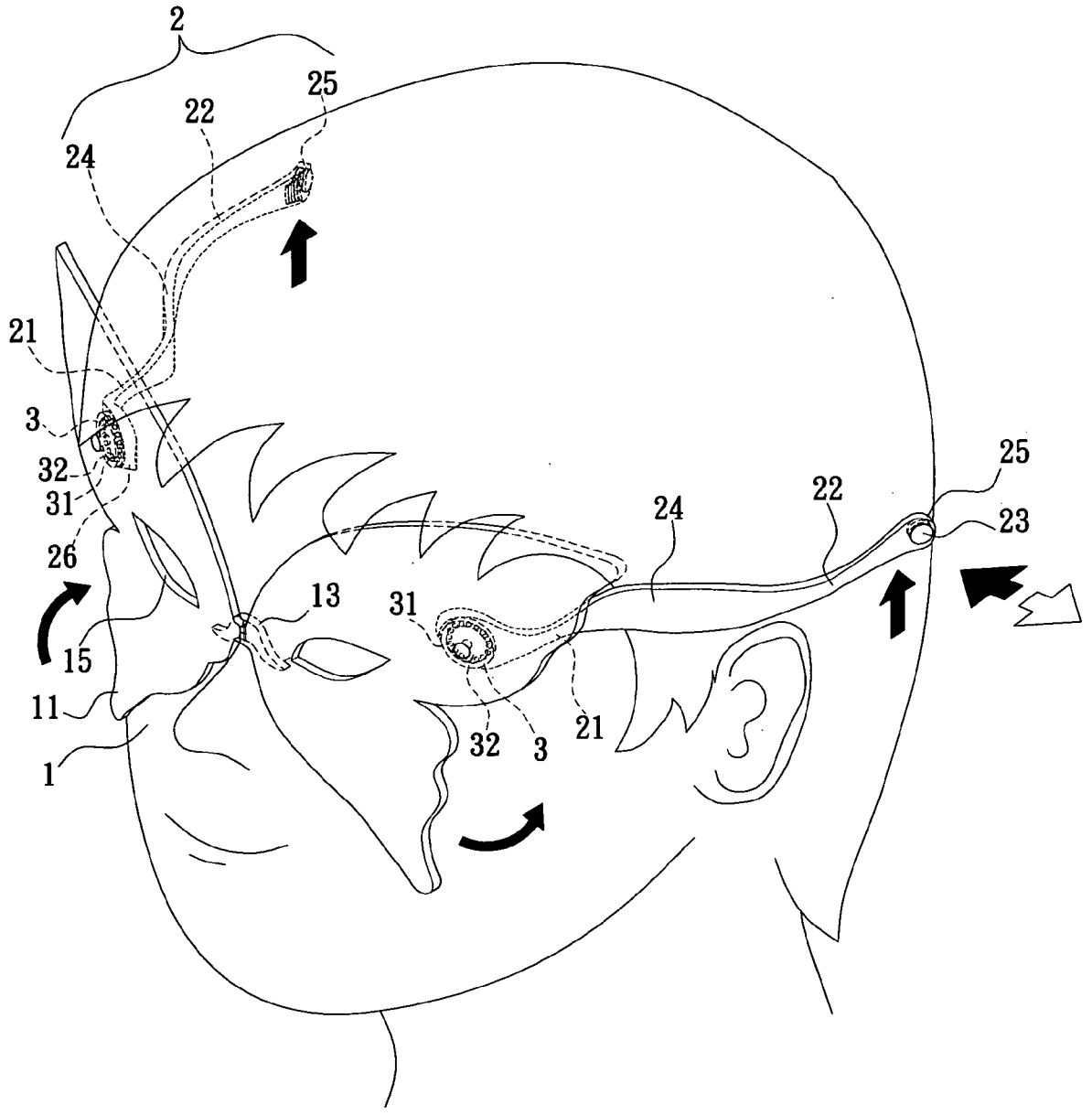
Publication Classification

(51) **Int. Cl.**
A41G 7/00 (2006.01)
A63H 33/00 (2006.01)

(52) **U.S. Cl.** **2/206**; 446/27

(57) **ABSTRACT**

An elastic cords-free and foldable mask (**1**) with temples (**2**) comprises a mask (**1**) consists essentially of two partial masks (**11**); an elastic element (**12**) or flexible nose pad (**13**) is set to connect said partial masks (**11**) and a pair of pivoting temples (**2**) which can be rotated and adjusted its angle are disposed on both lateral sides of said mask (**1**). Each temple (**2**) includes a curved section (**21**) to provide the temple (**2**) with elasticity, and a holding section (**22**) to engage the head of the wearer.



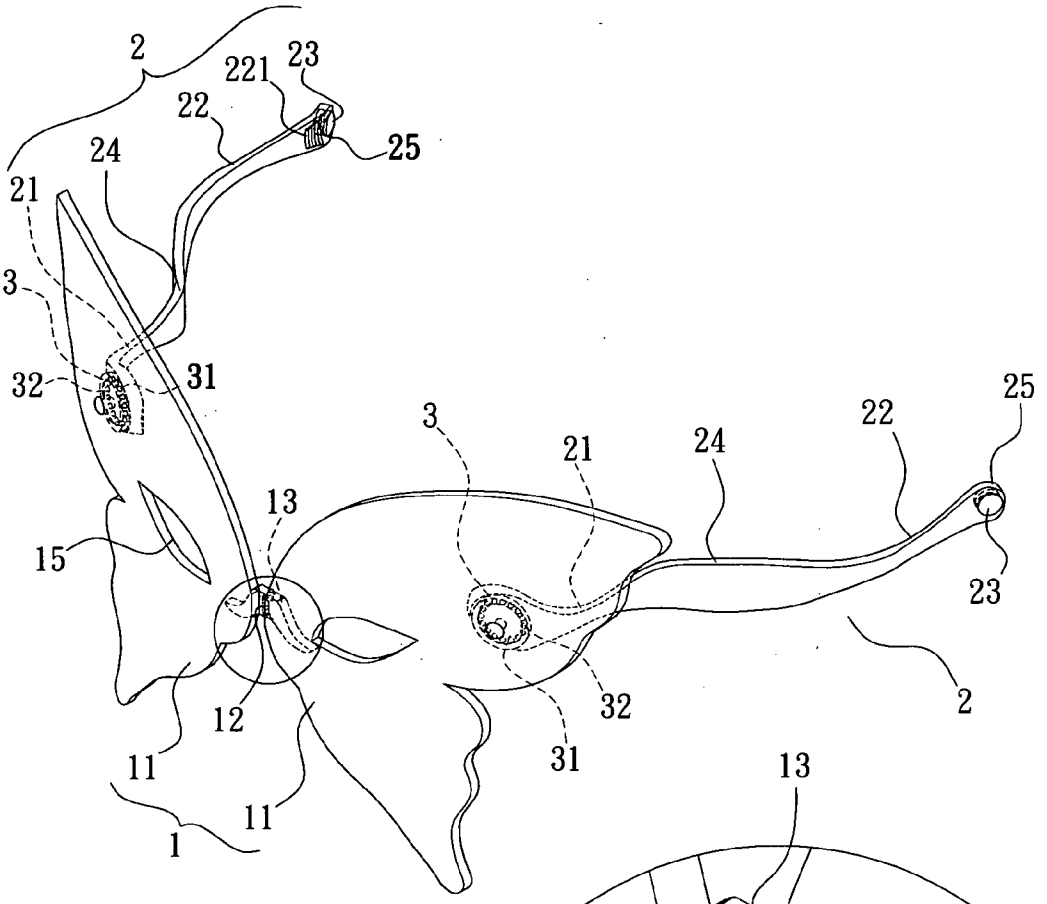

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Fig. 1

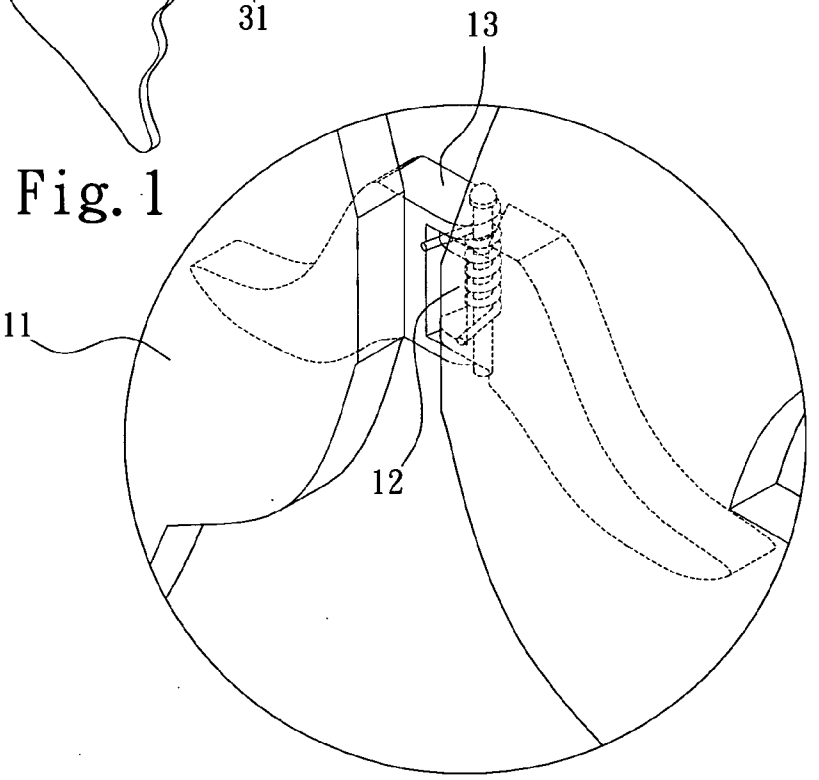
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Fig. 1A

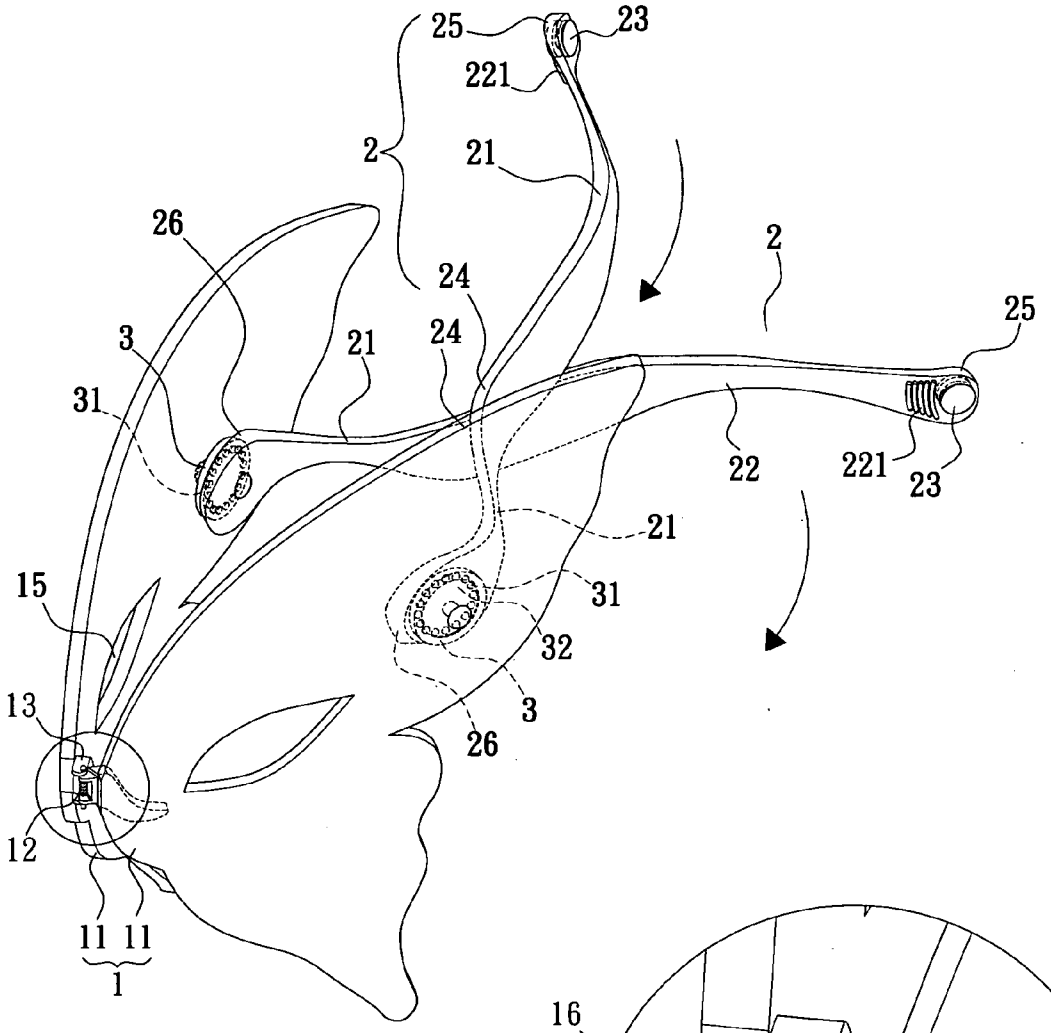
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Fig. 2

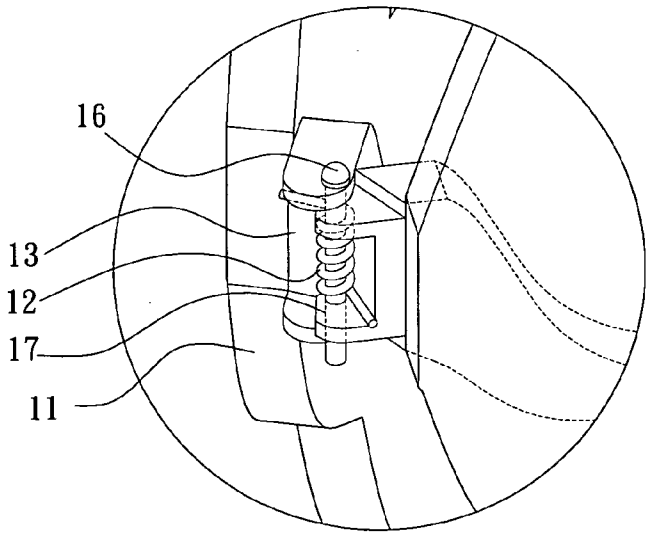
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Fig. 2A

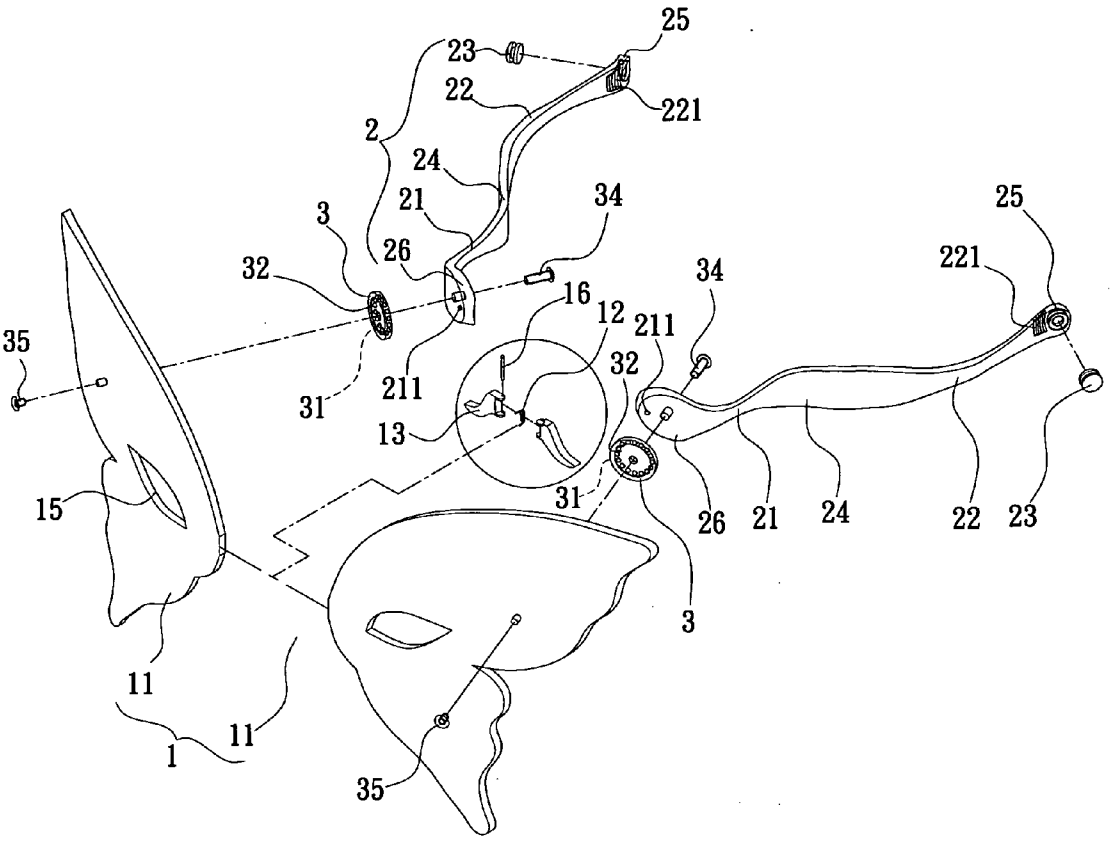
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Fig. 3

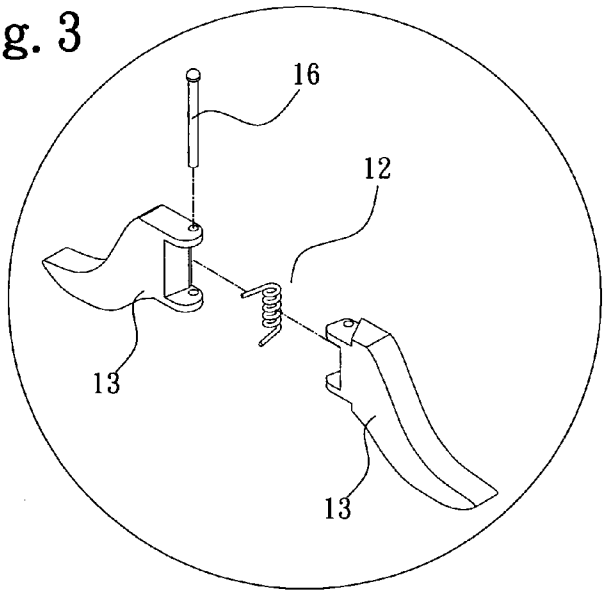
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Fig. 3A

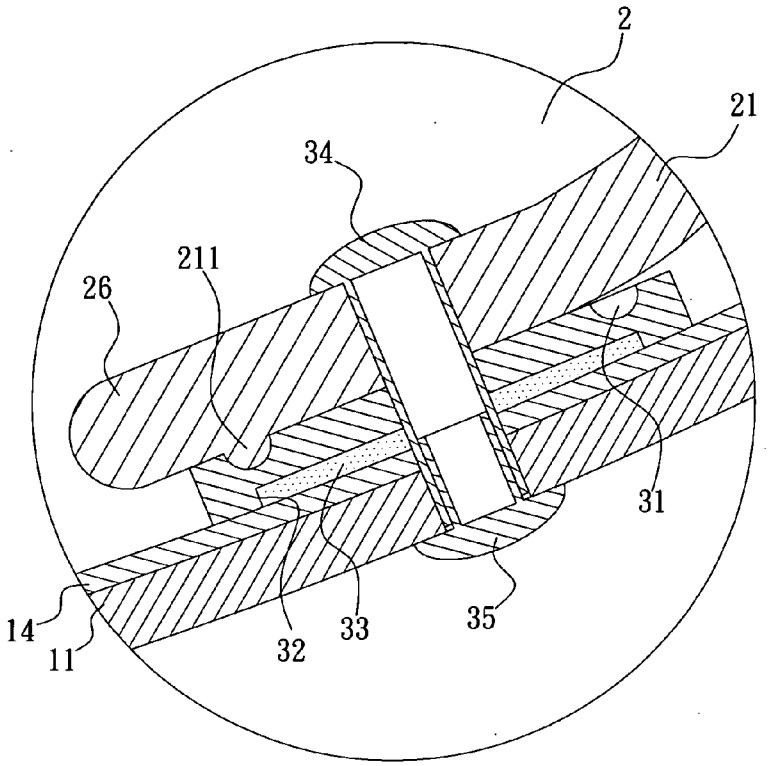
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Fig. 4A

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Fig. 4

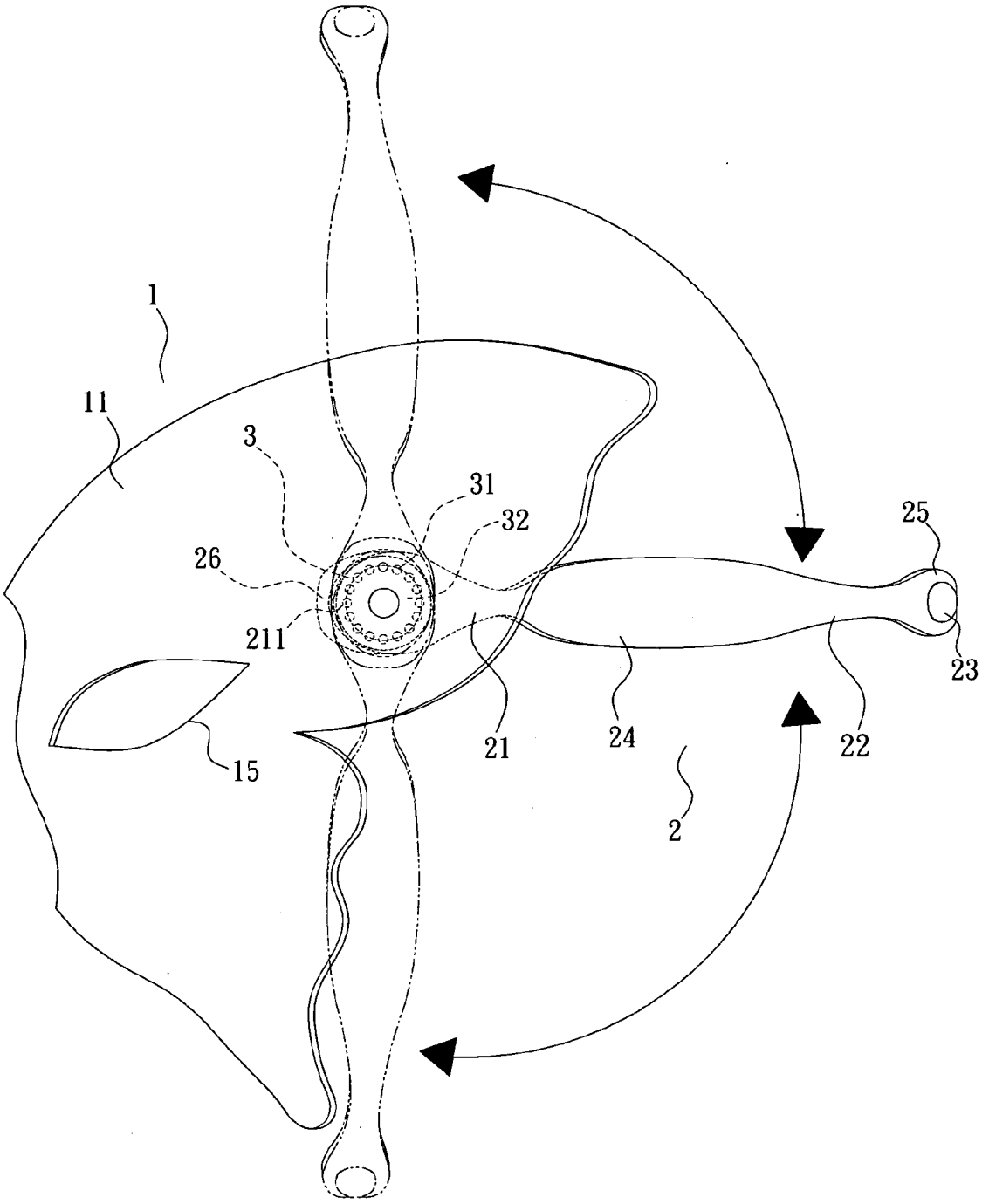

Fig. 5

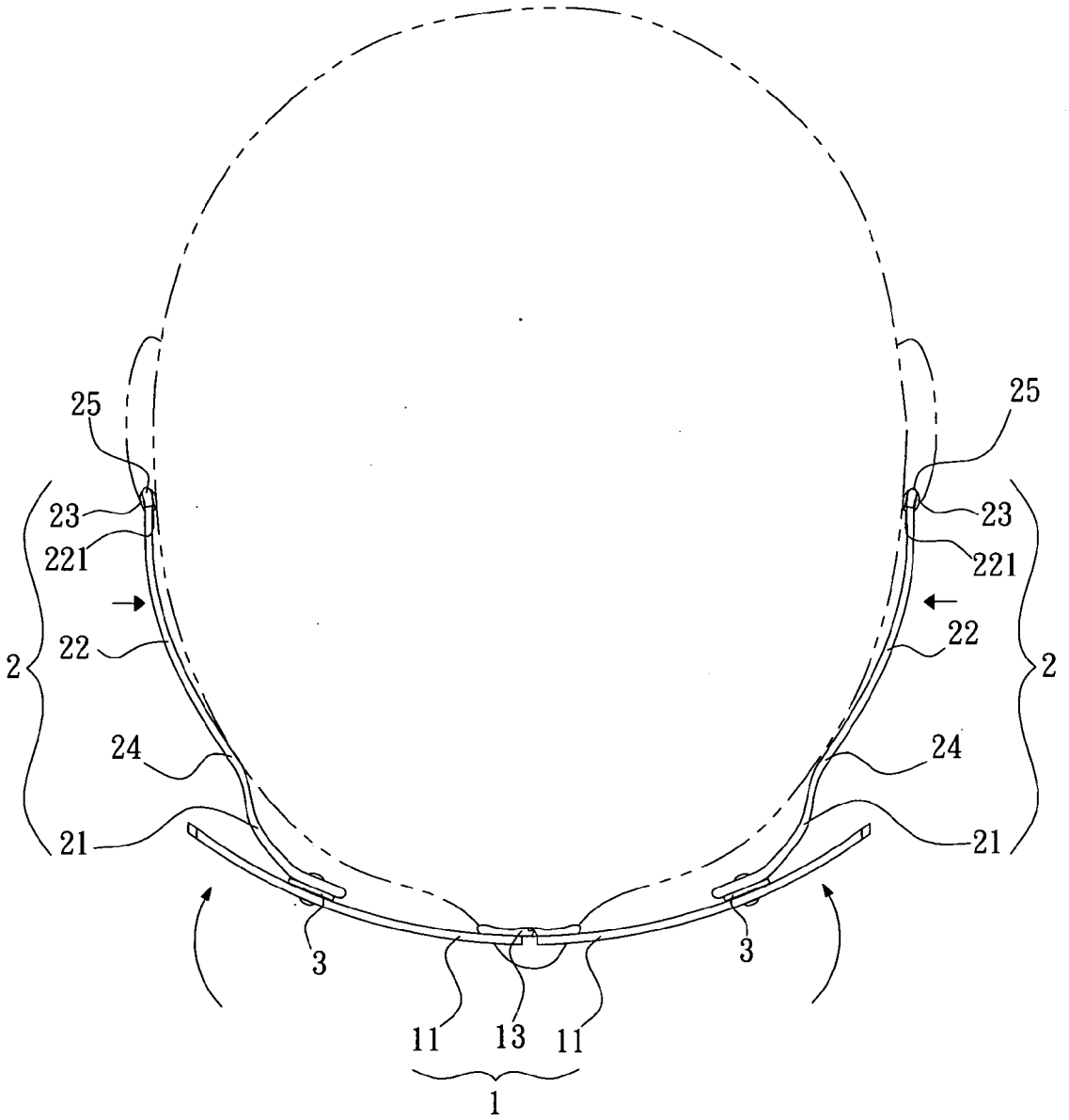

Fig. 6

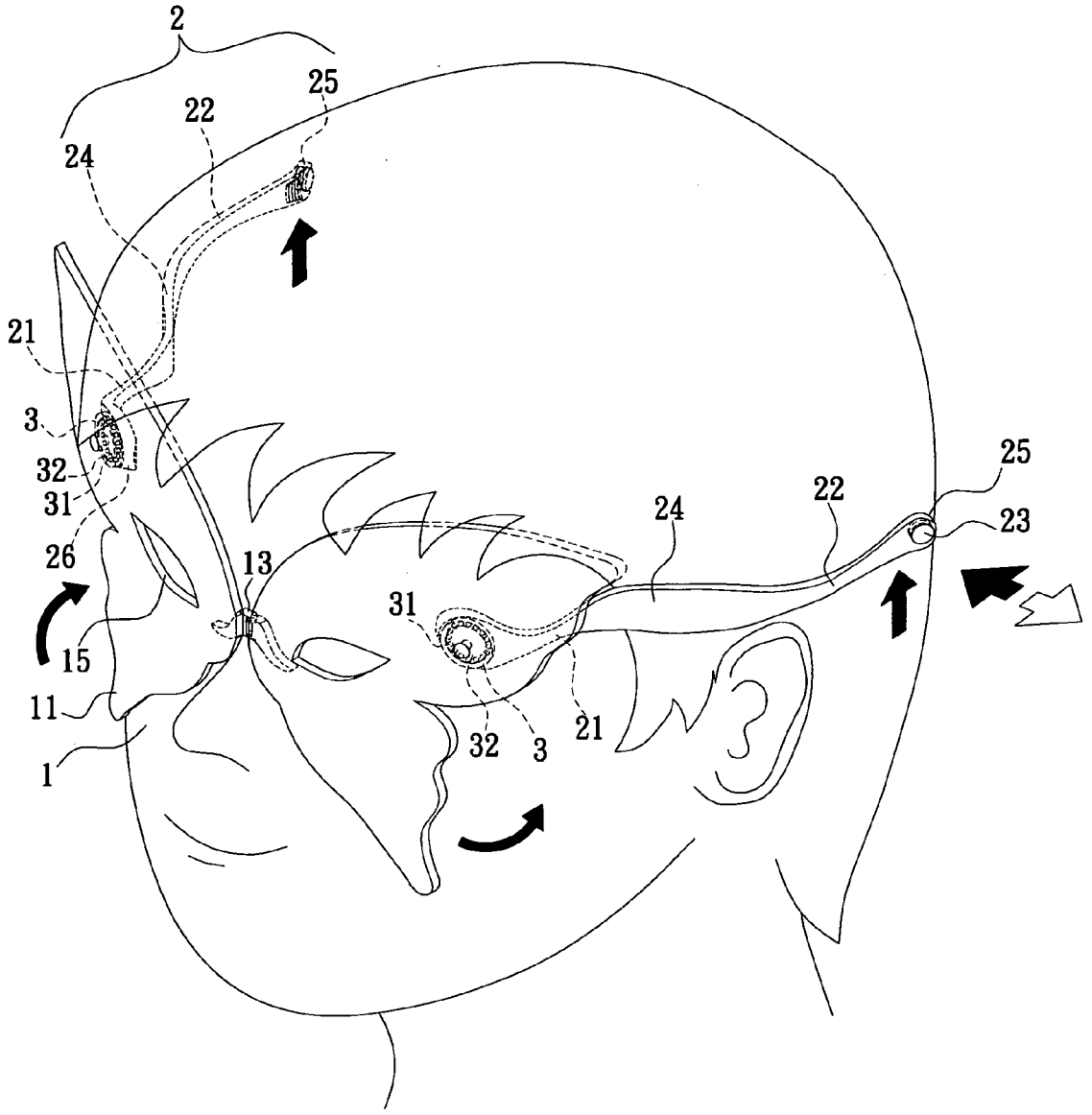

Fig. 7

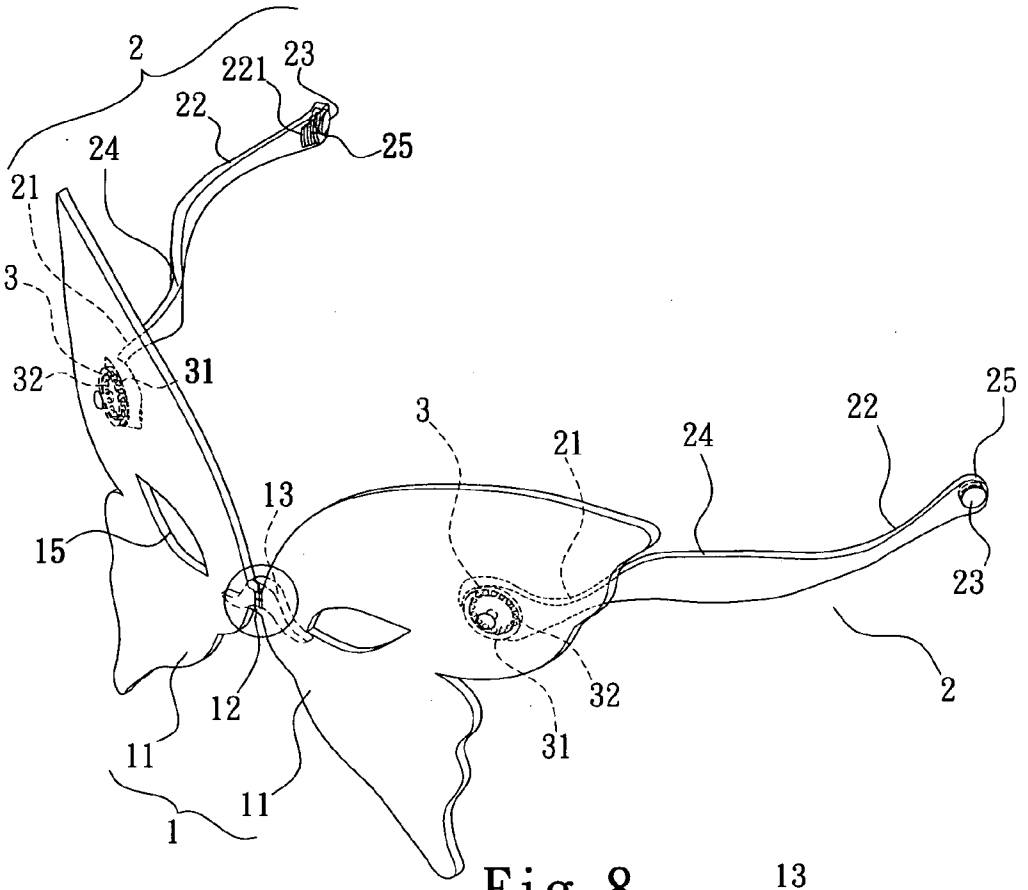
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Fig. 8

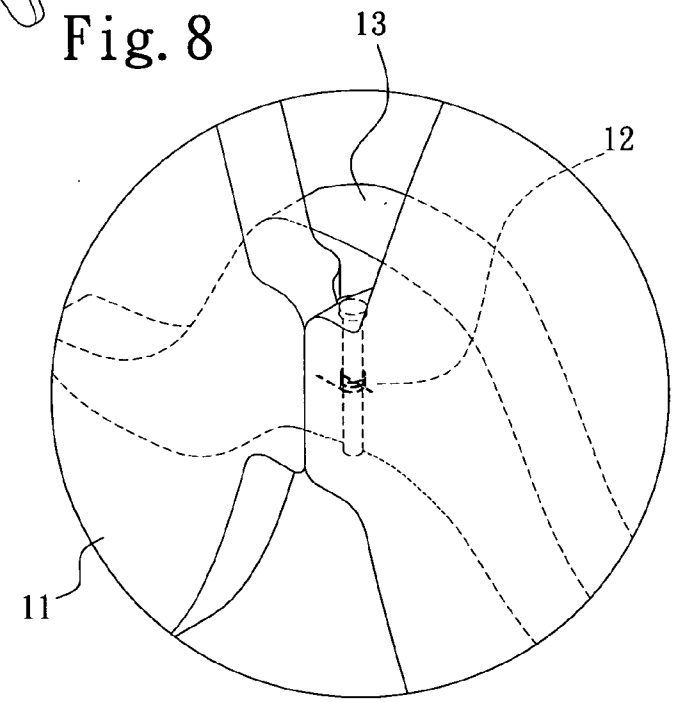
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Fig. 8A

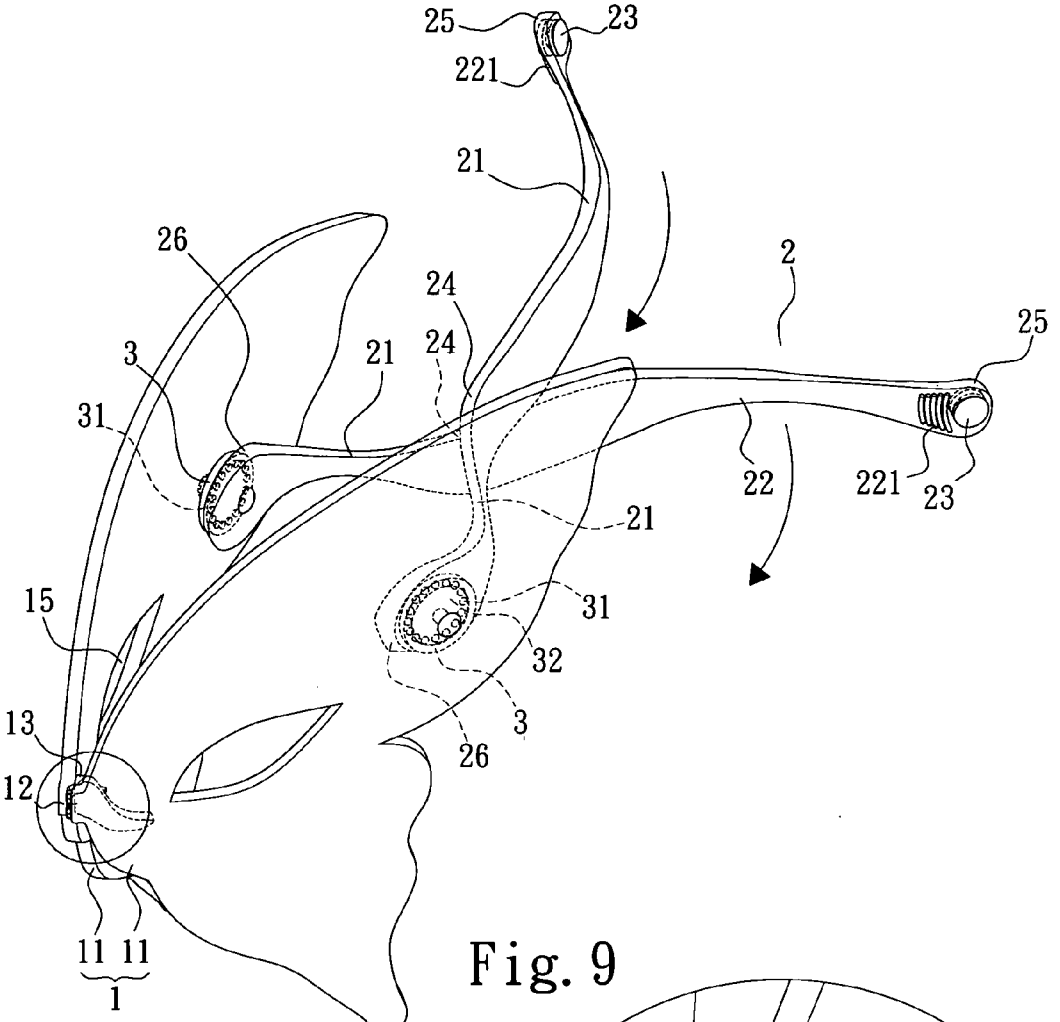
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Fig. 9

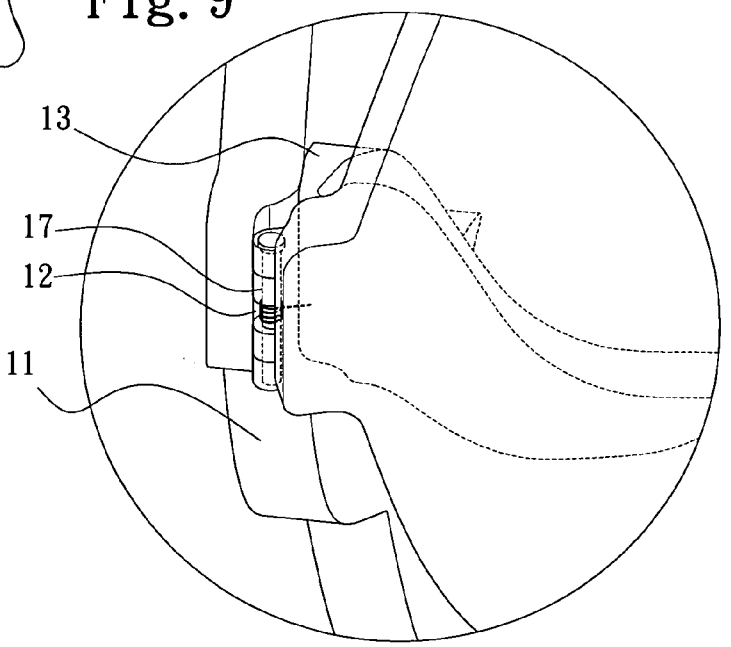
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Fig. 9A

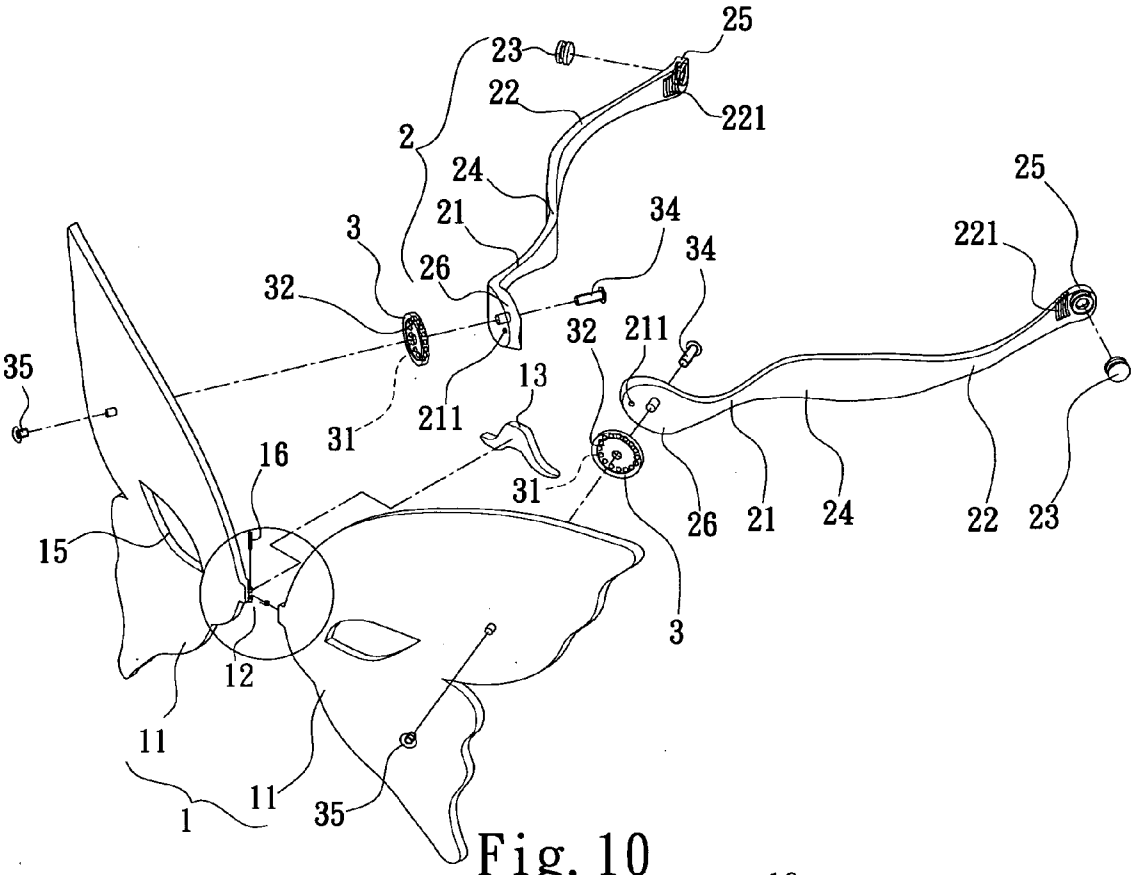

Fig. 10

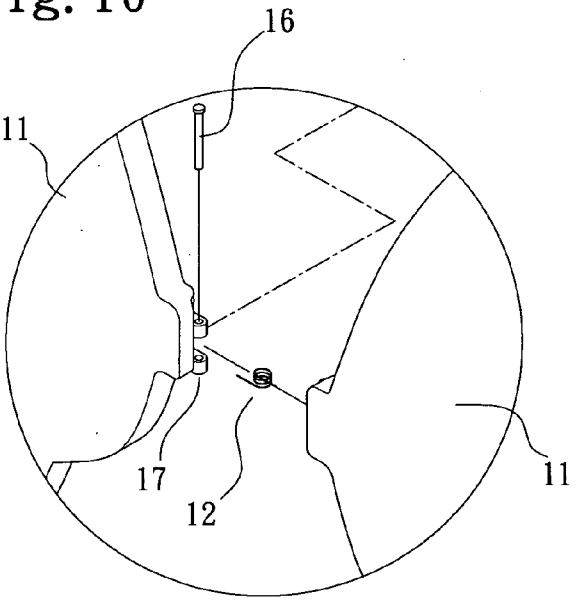

Fig. 10A

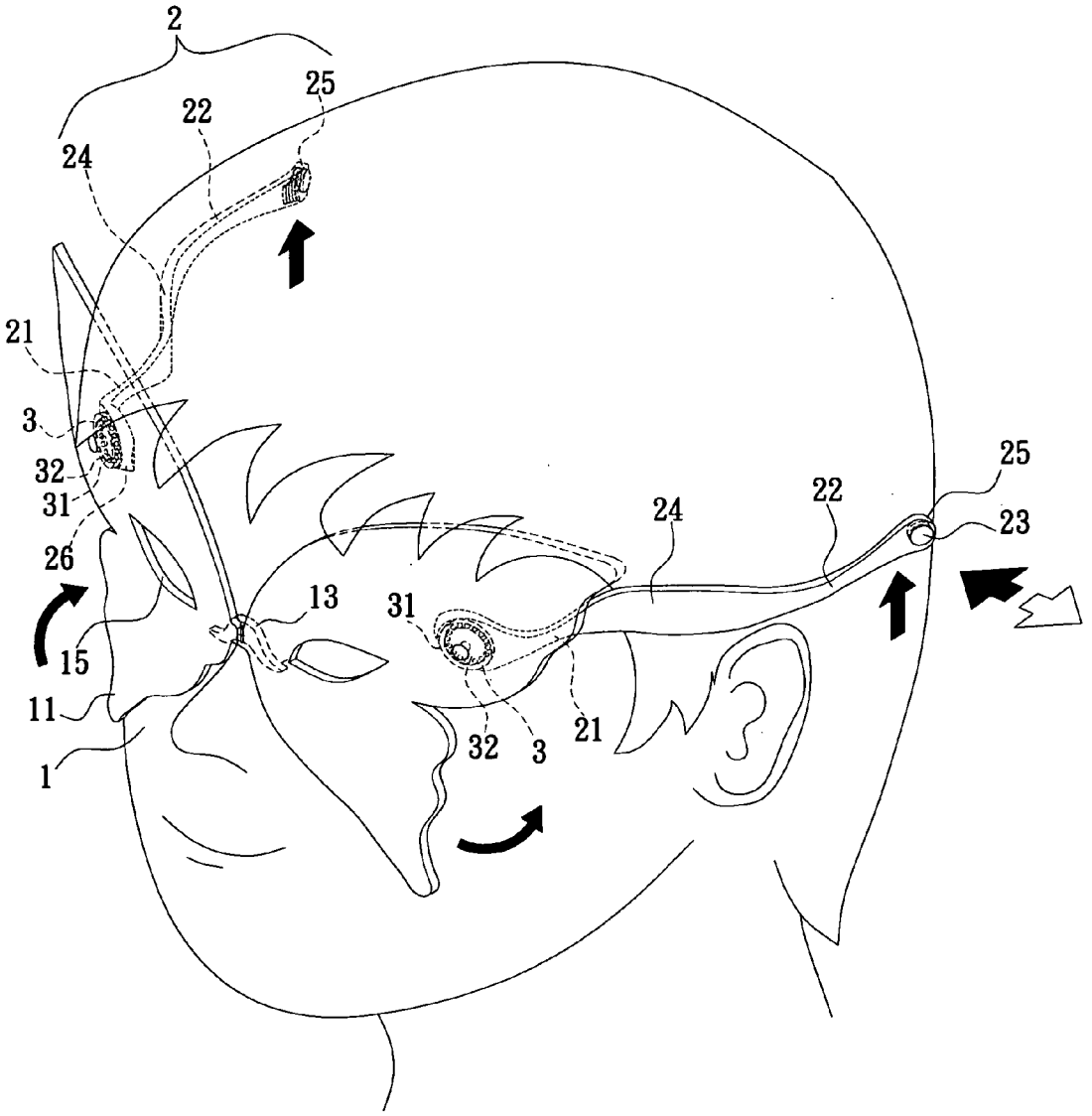

Fig. 11

FOLDABLE MASK WITH TEMPLES

FIELD OF THE INVENTION

[0001] The present invention relates to a foldable mask to cover the face of a wearer for using in a masquerade or a party.

DESCRIPTION OF PRIOR ART

[0002] A decorative mask is commonly used in traditional festivals such as Halloween, Christmas or New Years parties, combined with special outfit or costume to bring more amusement into the ceremonials; sometimes it is also used in the performance for its expressive power. A traditional mask usually comprises a designed mask body and an elastic strap which its proximal ends are coupled with both lateral sides of the mask. Since the elastic force of the strap will press the face against the mask continuously, said conventional type of mask is not suitable for long-term using and is easy to slip, exposing the face of the wearer. To solve mentioned defects, the applicant has improved the design of the mask in patented application U.S. Pat. No. 6,505,351 "Hair ring or hair strip with doll mask", using an elastic hair band to replace traditional elastic strap, the hair band can fix the mask on the face of the wearer more securely; and in U.S. Pat. No. 6,604,975 "Doll head mask" the hair band is connected with the mask by two connecting pieces which give the mask ability to be lift up and down. However the design of the hair band still contains following drawbacks:

[0003] 1. The main body of the mask is usually designed as one-piece mask and to bring three-dimensional appearance, it is usually unfoldable, causing inconvenience in carrying and restoring the mask. Therefore, to design an easy-to-keep and carry mask with three-dimensional appearance has become the main objective of the present invention.

[0004] 2. The retraction of the elastic strap of the conventional mask may press the face against the mask causing uncomfortable sensation to the wearer and interfering the sight of the wear. Accordingly, to design a mask reducing uncomfortable sensation and not interfering the vision of the user has become the second object of the present invention.

[0005] 3. In some festivals such as a masquerade ball or a costume party, the wearer may arrange a special hairstyle to match the outfit or the mask. However, the elastic strap of the mask can ruin the hairstyle of the wearer since it is usually put around the head. Although in both cited references mask has been improved by using the hair band, it could still affect the hairstyle. Therefore, a mask without affecting the hairstyle becomes another objective of the invention.

SUMMARY OF THE INVENTION

[0006] To solve mentioned defects, a foldable mask with temples comprises:

[0007] a mask (**1**) consisting essentially of two pair-designed partial masks (**11**) having a carved area (**15**) on each for showing the eye of the wearer;

[0008] a foldable nose pad (**13**) set between said partial masks (**11**) and placed on the nose of the wearer to support the mask (**1**); and

[0009] a pair of pivoting temples (**2**) which can rotate and adjust the angle disposed on both lateral sides of the mask (**1**), said temple (**2**) comprises a fixed section and a free section, between the fixed section and the free section includes a curved section (**21**) having no contact with the face of the wearer, providing flexibility to the temple (**2**), maintaining the temple (**2**) as an outer-arc shape; and an outer-arc holding section (**22**) connecting with the end of the curved section (**21**) to engage the head of the wearer; said fixed section is a projection part (**26**) which engages with the mask (**1**); a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**), said free section which connects with the distal end of the holding section (**22**) is a second saddle portion (**25**);

[0010] When said mask (**1**) engages with said temples (**2**), the mask (**1**) may cover the face of the wearer and is fixed by the holding section (**22**) of the temple (**2**), clamping on the area above the ear, said temple (**2**) is placed on the area above the ear and not contact with the ear.

[0011] The nose pad (**13**) consists a left and a right portion, and an elastic element (**12**) is set between to provide folding ability. Said elastic element (**12**) can be a torsional spring.

[0012] Another embodiment for a foldable mask with temples comprises:

[0013] a mask (**1**) consisting essentially of two pair-designed partial masks (**11**) having a carved area (**15**) on each for showing the eye of the wearer; an elastic element (**12**) is set between of which to provide folding ability;

[0014] a foldable nose pad (**13**) set between said partial masks (**11**) and placed on the nose of the wearer to support the mask (**1**); and

[0015] a pair of pivoting temples (**2**) which can rotate and adjust the angle, disposed on both lateral sides of the mask (**1**), said temple (**2**) comprises a fixed section and a free section, between the fixed section and the free section are a curved section (**21**) having no contact with the face of the wearer, providing flexibility to the temple (**2**) and maintains the temple (**2**) as an outer-arc shape; and an outer-arc holding section (**22**) connecting with the end of the curved section (**21**) to fit the head of the wearer; said fixed section is a projection part (**26**) to contact with the mask (**1**), a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**), said free section which connects with the end of the holding section (**22**) is a second saddle portion (**25**).

[0016] When said mask (**1**) engages with said temple (**2**), the mask (**1**) may cover the face of the wearer and is fixed by the holding section (**22**) of the temple (**2**) clamping on the area above the ear, said temple (**2**) does not contact with the ear.

[0017] Said elastic element (**12**) mentioned in the second embodiment can be a torsional spring.

[0018] Said second saddle portion (**25**) aforementioned comprises a flexible first slip stopper (**23**) disposed on the extreme end of the temple (**2**) which can produce friction when contacting with hair and scalp, to hold the position of the temple (**2**).

[0019] As mentioned in above embodiments, a plurality of second slip stoppers (**221**) are arranged in order near the first slip stopper (**23**) on the inner surface of the temple (**2**).

[0020] The mask (**1**) as disclosed in above embodiments, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**), a plurality of locating holes (**31**) are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing, is disposed on the side of the projection

part (**26**) contacting with the gasket (**3**); said projection part (**26**) and gasket (**3**) can be fixed on the mask (**1**) by a first rivet (**34**) and a second rivet (**35**). Said locating holes (**31**) can be selected from following shape: semi-sphere recess, strip recess, semi-sphere convex and stripe convex; the locating element (**211**) which will correspond to said locating holes (**31**) can be selected from following shapes: convex semi-sphere, convex strip, concave semi-sphere and concave strip. The mask (**1**) as disclosed in above embodiments, wherein a surface layer (**14**) can be plastered on the inner and/or outer surface of the mask (**1**). Said surface layer (**14**) can be selected from one of following: a cloth surface, velvet surface or plastic surface.

COMPARISON WITH THE PRIOR ART

[0021] The present invention possesses following advantages:

[0022] 1. With application of the elastic element (**12**) or the flexible nose pad (**13**), the mask (**1**) is given with foldable feature. Said feature allows the mask (**1**) to be carried easily and saving space for storage.

[0023] 2. Two temples (**2**) coupled on both lateral sides of the mask (**1**) clamping the area above the ear to secure the mask (**1**), preventing it from slip, causing no compression as the traditional mask with elastic strap, providing comfort and long-term use for the mask (**1**).

[0024] 3. Two temples (**2**) with adjustable feature and an outer-arc curved section (**21**) allow the holding section (**22**) to engage the head of the wearer, coupled with a first slip stopper (**23**) disposed on extreme end of which, generate friction to secure the mask (**1**) tightly and doesn't ruin the hair style.

[0025] 4. The flexible nose pad (**13**) is coupled with the mask (**1**); said nose pad (**13**) functions as a insert, generating a space between the mask (**1**) and face of the wearer, relieving suffocating sensation caused when the mask (**1**) is against the face of the wearer too tightly. Said nose pad (**13**) is also a support to spread the weight of the mask (**1**) evenly, prolong the wearing time thereof.

BRIEF DESCRIPTION OF DRAWINGS

[0026] FIG. **1**: A perspective view of the first embodiment of the present invention, in a deploying mode.

[0027] FIG. **1**A: A fragmentary perspective view, focus on the elastic element of FIG. **1**.

[0028] FIG. **2**: A perspective view of the first embodiment of the present invention, in a folding mode.

[0029] FIG. **2**A: A fragmentary perspective view, focus on the elastic element of FIG. **2**.

[0030] FIG. **3**: An exploded view of the first embodiment of the present invention.

[0031] FIG. **3**A: A fragmentary exploded view, focus on the elastic element of FIG. **3**.

[0032] FIG. **4**: A cross-sectional view of the first embodiment of the present invention.

[0033] FIG. **4**A: A fragmentary cross-sectional view, focus on the connection of the mask and the temple of the FIG. **4**.

[0034] FIG. **5**: A schematic view of the first embodiment of the present invention, showing the movement of the temple.

[0035] FIG. **6**: A top view of the first embodiment of the present invention worn by the user.

[0036] FIG. **7**: A perspective view of the first embodiment of the present invention worn by the user.

[0037] FIG. **8**: A perspective view of the second embodiment of the present invention, in a deploying mode.

[0038] FIG. **8**A: A fragmentary perspective view, focus on the elastic element of FIG. **8**.

[0039] FIG. **9**: A perspective view of the second embodiment of the present invention, in a folding mode.

[0040] FIG. **9**A: A fragmentary perspective view, focus on the elastic element of FIG. **9**.

[0041] FIG. **10**: An exploded view of the first embodiment of the present invention.

[0042] FIG. **10**A: A fragmentary exploded view, focus on the elastic element of FIG. **10**.

[0043] FIG. **11**: A perspective view of the second embodiment of the present invention worn by the user.

DETAIL DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0044] Description of the present invention is described in detail according to the appended drawings hereinafter.

First Embodiment

[0045] FIG. **1** shows a perspective view of the first embodiment of the present invention, in a deploying mode; FIG. **1**A shows a fragmentary perspective view, focus on the elastic element of FIG. **1**; FIG. **2** shows a perspective view of the first embodiment of the present invention, in a folding mode; FIG. **2**A shows a fragmentary perspective view, focus on the elastic element of FIG. **2**; FIG. **3** shows an exploded view of the first embodiment of the present invention; and FIG. **3**A shows a fragmentary exploded view, focus on the elastic element of FIG. **3**.

[0046] As shown in above drawings, a foldable mask with temples comprises a mask (**1**) which consists essentially of two pair-designed partial masks (**11**) having a carved area (**15**) on each for exposing the eye of the wearer; a foldable nose pad (**13**) set between said partial masks (**11**), placed on the nose of the wearer to support the mask (**1**); and a pair of pivoting temples (**2**) which can rotate and adjust the angle, disposed on both lateral side of the mask (**1**), each of said temple (**2**) comprises a fixed section and a free section, between the fixed section and the free section are a curved section (**21**) having no contact with the face of the wearer, providing flexibility to the temple (**2**), keeping the temple (**2**) as an outer-arc shape; and an outer-arc holding section (**22**) connecting with the end of the curved section (**21**) to fit the head of the wearer; said fixed section is a projection part (**26**) which contacts with the mask (**1**), a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**); said free section which connects with the end of the holding section (**22**) is a second saddle portion (**25**).

[0047] FIG. **7** illustrates the mask (**1**) and the temple (**2**) of the first embodiment coupled with each other and worn by a user. The mask (**1**) covers the face of the user and is fixed by the holding section (**22**) of the temple (**2**) which clamps on the area above the ear. Said temple (**2**) does not contact with the ear. The fixed section of the temple (**2**) is disposed on both lateral sides of the mask (**1**), close to the carved area (**15**) where is near the temple portion of a human head when worn by the user.

[0048] As shown in FIGS. **6** and **7**, said nose pad (**13**) comprises a right and left portion, and an elastic element (**12**) which provides the folding feature. Any device which possesses expand/retract feature can be selected as the elastic

element (12). In this embodiment a torsional spring is selected as said elastic element (12); therefore, when said nose pad (13) coupled with two partial masks (11), the mask (1) may possess expanding/folding feature. As shown in FIG. 2A, an axle bolt (16) passes through said elastic element (12) and axle holders (17) set on two separated nose pads (13) to couple said elastic element (12) with two nose pads (13). The mask (1) constantly maintains in folding position when it is not used. When the mask (1) is expanded and worn by the user, the folding force generated from the nose pad (13) and clamp force generated by the holding section (22) of the temple (2) will hold the mask (1) on the head of the user.

[0049] Further, since the mask (1) is constantly stayed in folding position when it is unused, makes it easy to be stored and carried. The nose pad (3) creates a space between the mask (1) and the face, reducing uncomfortable sensation caused when the mask is against the face. The nose pad (13) is made of soft matter such as rubber, silica gel or foamed plastic, said soft matters provide comfortable sensation when wearing the mask (1), prolong the wearing time thereof.

[0050] As shown in FIGS. 4 and 4A, a surface layer (14) can be applied on inner/outer area of the mask (1). Said surface layer (14) can be selected from a cloth surface, a velvet surface or a plastic surface to soften the contact of the skin with the mask (1) when it was disposed inside. When it is disposed on the outer side (not shown), the surface layer (14) can be painted with variable colors or coupled with adornment, making the mask more creative.

[0051] FIG. 6 showing the mask (1) worn by a user, unlike conventional temple of an eyewear which is placed over the ears and usually inelastic, the elastic curved section (21) allows the temple (2) to expand, and the retracting force makes the holding section (22) fits onto the head perfectly and fixes the mask (1) securely. The position of the curved section (21) is disposed away from the face, in addition to cause no compression to the face.

[0052] As shown in FIGS. 3-5, the temple (2) is provided with adjusting feature allowing the mask (1) to fit different head shape of the user by rotating the temple (2) to an adequate angle. To provide said adjusting feature to the present invention, a gasket (3) is disposed between the mask (1) and the temple (2), said gasket (3) can be engaged with the mask (1) by integrated moulding or adhesive bonding. If a surface layer (14) is applied, the gasket (3) can only be coupled with the mask (1) by adhesive binding and to couple the gasket (3) with the surface layer, a recess (32) is carved additionally on the surface of gasket (3) which contacts with the surface layer (14) for applying the adhesive (33). Pluralities of locating holes (31) are set around the circumference of the side of the gasket (3) which couples with the projection part (26) of the temple (2). Pluralities of locating elements (211) are set on the projection part (26) to correspond with said locating holes (31). Therefore, the temple (2) can be rotated and adjusted by said locating holes (31) and locating element (211), it is to believe that the present invention is being more ergonomic.

[0053] Said locating holes (31) can be manufactured as a concave semi-sphere or a concave strip, it can also be formed as a convex semi-sphere or a convex stripe. Said locating elements (211) must be a corresponding shape of said locating holes (31); therefore, said locating elements (211) are needed to be formed as a convex semi-sphere or a convex stripe, it can also be carved as a concave semi-sphere or a concave strip to match with said locating holes (31). As shown in FIG. 5, when a locating element (211) is not in a locating hole (31), the temple (2) is free to be adjusted; on the contrary, when a locating element (211) is coupled with a locating hole (31), the movement of the temple (2) is limited and the position is fixed. Therefore, when more locating holes (31) are set on the gasket (3), the suitable angle is more accurate. By adjusting the temple (2), a rotating force which is stronger than the fixing force will be applied to make the temple (2) rotate until the suitable angle is reached.

[0054] As shown in FIG. 7, said mask (1) may cover the face of the wearer except two carved areas (15) for eyes exposure; unlike the face shield for industrial safety which is usually transparent and no holes are disposed, the present invention is a non-transparent mask with carved areas (15). With adjusting ability as mentioned above, two carved areas (15) will exposing the user's eyes more precisely which is an advantage comparing with a conventional decorative mask.

[0055] As shown in FIGS. 4 and 6, a first slip stopper (23) is disposed on the second saddle portion (25) of the said temple (2). During a masquerade or a festival, constantly movement increases the possibility that the mask (1) may slip. Therefore, said first slip stopper (23) possesses feature to generate friction with the scalp and hair, maintaining the position of the temple (2) fixed and it won't produce any discomfort or affect the hair style. Said first slip stopper (23) is preferable made of rubber or silica gel.

[0056] Furthermore, a plurality of second slip stoppers (221) may be disposed on the inner wall of the temple (2), closing said first slip stopper (23) to generate extra friction with the finger when a user is holding said mask (1), avoiding damage to the mask (1) by unintentional falling.

Second Embodiment

[0057] FIGS. 8-11 illustrate the second embodiment of the present invention. FIG. 8 is a perspective view of the second embodiment of the present invention, in an expanding mode; FIG. 8A is a fragmentary perspective view, focus on the elastic element of FIG. 8; FIG. 9 is a perspective view of the second embodiment of the present invention, in a folding mode; FIG. 9A is a fragmentary perspective view, focus on the elastic element of FIG. 9; FIG. 10 is an exploded view of the first embodiment of the present invention; FIG. 10A is a fragmentary exploded view, focus on the elastic element of FIG. 10; FIG. 11 is a perspective view of the second embodiment of the present invention worn by the user.

[0058] The second embodiment of the present invention demonstrates a similar foldable mask (1). The mask (1) of the second embodiment comprises: a pair of partial mask (11) wherein each further comprises a carved area (15) for eye exposure; an elastic element (12) connected to said partial masks (11) for providing folding feature to the mask (1); a nose pad (13) disposed between said partial masks (11) and said elastic element (12). Said elastic element (12) can be selected from a torsional spring, further an axle bolt (16) passes through said elastic element (12) and axle holders (17) which predefined on the inner side of each partial mask (11) to couple said elastic element (12) with two partial masks (11). Unlike the first embodiment which the elastic element (12) couples with a pair of nose pad (13) then couple the pair of partial masks (11) with pair of nose pads (13), the elastic element (12) of the second embodiment connects two partial masks (11) directly, then couple said partial masks (11) with a single nose pad (13). The comparisons of both embodiments are following:

[0059] First embodiment: the elastic element (**12**) is usually covered by the mask (**1**); therefore, the appearance of said elastic element (**12**) is not clearly be seen. However, the sizes of said pair of nose pads (**3**) are limited by the size of the elastic element (**12**). As result, the area where contact with the nose is also limited which will decrease the comfort of wearing the mask (**1**).

[0060] Second embodiment: said elastic element (**12**) can be clearly viewed. However, since said elastic element (**12**) doesn't couple with the nose pad (**13**), the size and thickness of said nose pad (**13**) can be increased which may improve the comfort of wearing and prolong the time of usage.

Third Embodiment

[0061] The third embodiment discloses an unfoldable mask (not shown), the mask (**1**) of the third embodiment comprises: two partial masks (**11**) wherein each includes a carved area (**15**) for eye exposure and a nose pad (**13**) disposed on the nose to support the mask (**1**). The third embodiment of the present invention doesn't provide folding feature as mentioned embodiments. However, it can still be coupled with the temple (**2**).

What is claimed:

1. A foldable mask with temples comprising:

a mask (**1**) consisting essentially of two pair-designed partial masks (**11**) having a carved area (**15**) on each for exposing the eye of the wearer; a foldable nose pad (**13**) set between said partial masks (**11**) and placed on the nose of the wearer to support the mask (**1**); and

a pair of pivoting temples (**2**) which can rotate and adjust the angle, disposed on both lateral side of the mask (**1**), said temple (**2**) comprising a fixed section and a free section, between the fixed section and the free section is a curved section (**21**) which doesn't contact with the head of the wearer, providing flexibility to the temple (**2**), keeping the temple (**2**) as an outer-arc shape; and an outer-arc holding section (**22**) connecting with the distal end of the curved section (**21**) and engages the head of the wearer; said fixed section is a projection part (**26**) and contacts with the mask (**1**), a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**); said free section which connects with the end of the holding section (**22**) is a second saddle portion (**25**);

Said mask (**1**) engages with said temple (**2**), the mask (**1**) covers the face of the wearer and fixed thereon by the holding section (**22**) of the temple (**2**) clamping on the area above the ear, said temple (**2**) does not contact with the ear.

2. A foldable mask with temples of the claim **1**, wherein said nose pad having a left and right portion, and an elastic element (**12**) is set between to provide folding ability. Said elastic element (**12**) is a torsional spring.

3. A foldable mask with temples of claim **1**, wherein said second saddle portion (**25**) comprising a flexible first slip stopper (**23**) disposed on the extreme end of the temple (**2**) which can produce friction when contact with the hair and scalp, to hold the position of the temple (**2**).

4. A foldable mask with temples of claim **1**, wherein a plurality of second slip stoppers (**221**) are arranged in order near the first slip stopper (**23**) on the inner surface of the temple (**2**).

5. A foldable mask with temples of claim **1**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**), a plurality of locating holes (**31**) are set are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**); said projection part (**26**) and gasket (**3**) can be fixed on the mask (**1**) by a first rivet (**34**) and a second rivet (**35**); said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

6. A foldable mask with temples of claim **1**, wherein a surface layer (**14**) is plastered on the inner and/or outer surface of the mask (**1**); said surface layer (**14**) is selected from one of following: a cloth surface, a velvet surface or a plastic surface.

7. A foldable mask with temples of claim **6**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**); a plurality of locating holes (**31**) are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**). Said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

8. A foldable mask with temples comprising:

a mask (**1**) consisting essentially of two pair-designed partial masks (**11**) having a carved area (**15**) on each for showing the eye of the wearer; an elastic element (**12**) is set between of which to provide folding ability; a foldable nose pad (**13**) set between said partial masks (**11**) and placed on the nose of the wearer to support the mask (**1**); and

a pair of pivoting temples (**2**) which can rotate and adjust the angle, disposed on both lateral side of the mask (**1**), said temple (**2**) between a fixed section and a free section is a curved section (**21**) which doesn't contact with the face of the wearer, providing flexibility to the temple (**2**) and maintains it as an outer-arc shape; and an outer-arc holding section (**22**) connecting with the end of the curved section (**21**) to fit the head of the wearer; said fixed section is a projection part (**26**) to contact with the mask (**1**), a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**), said free section which connects with the end of the holding section (**22**) is a second saddle portion (**25**);

Said mask (**1**) engages with said temple (**2**), the mask (**1**) covers the face of the wearer and fixed by the holding section (**22**) of the temple (**2**) clamping on the area above the ear, said temple (**2**) does not contact with the ear.

9. A foldable mask with temples of claim **8**, wherein said elastic element (**12**) is a torsional spring.

10. A foldable mask with temples of claim **8**, wherein said second saddle portion (**25**) comprising a flexible first slip

stopper (**23**) disposed on the extreme end of the temple (**2**) which can produce friction when contact with the hair and scalp, to hold the position of the temple (**2**).

11. A foldable mask with temples of claim **8**, wherein a plurality of second slip stoppers (**221**) are arranged in order near the first slip stopper (**23**) on the inner surface of the temple (**2**).

12. A foldable mask with temples of claim **8**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**), a plurality of locating holes (**31**) are set are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**); said projection part (**26**) and gasket (**3**) can be fixed on the mask (**1**) by a first rivet (**34**) and a second rivet (**35**); said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

13. A foldable mask with temples of claim **8**, wherein a surface layer (**14**) is plastered on the inner and/or outer surface of the mask (**1**); said surface layer (**14**) is selected from one of following: a cloth surface, a velvet surface or a plastic surface.

14. A foldable mask with temples of claim **13**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**); a plurality of locating holes (**31**) are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**). Said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

15. A foldable mask with temples comprising:

a mask (**1**) having two carved area (**15**) for showing the eyes of the wearer; a nose pad (**13**) set on the centre of the inner side of the masks (**1**) and placed on the nose of the wearer to support the mask (**1**); and

a pivoting temple (**2**) which can rotate and adjust the angle disposed on both lateral side of the mask (**1**), said temple (**2**) between a fixed section and a free section having a curved section (**21**) having no contact with the face of the wearer, providing flexibility to the temple (**2**) and maintains it as an outer-arc shape and an outer-arc holding section (**22**) connecting with the end of the curved section (**21**) to fit the head of the wearer; said fixed section is a projection part (**26**) to contact with the mask (**1**), a first saddle portion (**24**) is set between the curved section (**21**) and the holding section (**22**), said free section witch connects with the end of the holding section (**22**) is a second saddle portion (**25**);

Said mask (**1**) coupled with said temple (**2**), the mask (**1**) may covers the face of the wearer and fixed by the holding section (**22**) of the temple (**2**) clamping on the area above the ear, said temple (**2**) does not contact with the ear.

16. A foldable mask with temples of claim **15**, wherein said second saddle portion (**25**) comprising a flexible first slip stopper (**23**) disposed on the extreme end of the temple (**2**) which can produce friction when contact with the hair and scalp, to hold the position of the temple (**2**).

17. A foldable mask with temples of claim **15**, wherein a plurality of second slip stoppers (**221**) are arranged in order near the first slip stopper (**23**) on the inner surface of the temple (**2**).

18. A foldable mask with temples of claim **15**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**), a plurality of locating holes (**31**) are set are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**); said projection part (**26**) and gasket (**3**) can be fixed on the mask (**1**) by a first rivet (**34**) and a second rivet (**35**); said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

19. A foldable mask with temples of claim **15**, wherein a surface layer (**14**) is plastered on the inner and/or outer surface of the mask (**1**); said surface layer (**14**) is selected from one of following: a cloth surface, a velvet surface or a plastic surface.

20. A foldable mask with temples of claim **19**, wherein a gasket (**3**) is disposed between said mask (**1**) and projection part (**26**); a plurality of locating holes (**31**) are set circumferentially on one side of said gasket (**3**) which engages with the projection part (**26**), and a recess (**32**) for applying adhesive (**33**) is disposed on the other side of the gasket (**3**) which contacts with the mask (**1**); a locating element (**211**) which will correspond to the locating holes (**31**) and provide fixing is disposed on the side of the projection part (**26**) contacting with the gasket (**3**). Said locating hole (**31**) is selected from following shape: concave semi-sphere, concave strip, convex semi-sphere and convex strip; the locating element (**211**) which will correspond to said locating hole (**31**) is selected from following shape: convex semi-sphere, convex strip, concave semi-sphere and concave strip.

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