

DESCRIPTION

TITLE OF INVENTION: MASK

TECHNICAL FIELD

[0001]

The present invention relates to a mask covering a portion including a mouth and the periphery thereof below nostrils.

BACKGROUND ART

[0002]

Typically, there has been a mask that covers a portion of the face of a wearer including a portion around the mouth and a portion below the jaw without covering the nose. For example, a cloth mouth cover mask described in Patent Literature 1 includes a mouth cover portion that covers the periphery of the mouth under the nose and a substantially oval submental cover portion that covers a portion below the jaw. The cloth mouth cover mask includes a wearing portion having first wearing portions configured such that a double-fold microtape sewed with folded in two extends from the vicinity of the left and right end portions of the upper side of the mouth cover portion and second wearing portions each joined to left and right substantially-end portions of a joining line between the lower side of the mouth cover portion and the upper side of the submental cover portion. The left and right extensions of the first wearing portions and the left and right extensions of the second wearing portions are joined to each other through eight-rings, so that the mouth cover portion and the submental cover portion can be worn on the face.

CITATION LIST

PATENT LITERATURE

[0003]

Patent Literature 1: Japanese Utility Model Registration No. 3212467

SUMMARY OF INVENTION

PROBLEMS TO BE SOLVED BY INVENTION

[0004]

However, in the technique described in Patent Literature 1, it is an object to smoothly perform nasal breathing while sleeping, and the cover portion is three-dimensionally formed so that the mask is less likely to be detached from the face even when worn for a long period of time. For this reason, there has been a problem that fittability to the face is relatively high and stuffiness is easily caused in the hot season. In addition, there has also been a problem that the string-shaped microtapes of the first wearing portions and the second wearing portions are both on the face, which is bothered.

[0005]

The present invention has been made on such unsolved problems of the typical technique, and an object of the present invention is to provide a mask allowing easy nasal breathing with less stuffiness and reducing interference of a wearing portion with a face.

SOLUTION TO PROBLEMS

[0006]

[First Aspect of Invention]

In order to accomplish the above-described object, a mask according to a first aspect of the invention includes a cloth-like mouth covering portion that covers a portion of the face of a wearer including the mouth, the periphery thereof, and the chin below the nostrils, and a wearing portion that is provided for wearing the mouth covering portion on the face of the wearer, the mouth covering portion having such a planar substantially-crescent shape that when the mask is worn, an upper side portion has a downwardly-raised arc shape extending through a face portion below the nostrils and above the mouth and a lower side portion has a downwardly-raised arc shape extending below the chin in front view, and the wearing portion including a ring-shaped ear hook portion that is connected to each of left and right connection portions of the upper side portion and lower side portion of the mouth covering portion and is hooked on an ear to fix the mouth covering portion to the face.

[0007]

[Second Aspect of Invention]

A mask according to a second aspect of the invention is the mask according to the first aspect, in which the mouth covering portion has such a length that when the mask is worn, the left and right connection portions reach the vicinity of the left and right ears of the wearer, and the ear hook portion is fixed immediately close to each of the left and right connection portions.

[Third Aspect of Invention]

A mask according to a third aspect of the invention is the mask according to the first or second aspect, in which the mouth covering portion is configured such that a frame deformable along the shape of the jaw is provided at the lower side portion.

[0008]

[Fourth Aspect of Invention]

A mask according to a fourth aspect of the invention is the mask according to any one of the first to third aspects, which further includes a transparent moisture-proof sheet having transparency and moisture resistance and bonded to a surface of the mouth covering portion.

[Fifth Aspect of Invention]

A mask according to a fifth aspect of the invention is the mask according to any one of the first to fourth aspects, which further includes at an outer edge portion of a surface of the mouth covering portion facing the face side when the mask is worn, a sheet-shaped non-slip member having a non-slip function.

[0009]

[Sixth Aspect of Invention]

A mask according to a sixth aspect of the invention is the mask according to any one of the first to fifth aspects, which further includes at the mouth covering portion, a magnet that promotes blood circulation.

EFFECTS OF INVENTION

[0010]

As described above, according to the mask of the first aspect of the invention, the mouth covering portion has the planar configuration and does not cover the nostrils when the mask is worn on the face, so that it is possible to obtain an advantageous effect of allowing easy nasal breathing with less stuffiness. Further, the wearing portions include the ring-shaped ear hook portions and are each connected to the left and right connection portions of the mouth covering portion, so that it is possible to reduce interference of the members forming the wearing portions with the face as compared to the prior art.

[0011]

According to the mask of the second aspect of the invention, it is not necessary to provide a string-shaped extension for wearing the mask, so that it is possible to prevent a situation where the wearing portions of the masks are entangled in a case where a plurality of masks is stored in an overlapping manner.

Further, according to the mask of the third aspect of the invention, the lower side portion of the mouth covering portion can be deformed along the shape of the jaw, so that the chin can have sharp appearance when the mask is worn in such a manner that the frame is deformed so as to cover the chin with the lower side portion. As a result, it is possible to obtain an advantageous effect of making the face look smaller as compared with a case where the mask is worn with the lower side portion hanging down in the front of the chin.

[0012]

According to the mask of the fourth aspect of the invention, moisture from the outside can be prevented by the transparent moisture-proof sheet in a humid season such as the summer, so that stuffiness can be reduced. In addition, the transparent moisture-proof sheet is formed of the transparent (light-transmissive) member, so that it is possible to see the pattern and color of the mouth covering portion through the transparent moisture-proof sheet and to reduce designability impairment.

[0013]

According to the mask of the fifth aspect of the invention, the non-slip member contacts the face, so that the mouth covering portion can be less likely to shift from the face. Thus, positional shift and dropping can be reduced.

According to the mask of the sixth aspect of the invention, it is possible to promote blood circulation in a face portion facing the magnet. For example, the

magnet sheet is provided at a position facing the position of a nasolabial fold or a marionette line on the surface of the mouth covering portion facing the face when the mask is worn, so that blood circulation in a face portion where the nasolabial fold or the marionette line is generated can be promoted.

BRIEF DESCRIPTION OF DRAWINGS

[0014]

Fig. 1 is a view illustrating one configuration example of a mask 1 according to a first embodiment, Figs. 1(a) and 1(b) being a front view and a back view;

Fig. 2 is a view illustrating one configuration example of the mask 1 according to the first embodiment, Fig. 2(a) being a bottom view and Fig. 2(b) being a left side view;

Fig. 3 is a perspective view of the mask 1 according to the first embodiment;

Figs. 4(a) and 4(b) are views illustrating an example where the mask 1 is worn;

Fig. 5(a) is a schematic view illustrating an example where a plurality of masks 1 is stored in an overlapping manner on a mask stocker 200, and Fig. 5(b) is a schematic view illustrating an example where a plurality of masks 1E is stored in an overlapping manner on the mask stocker 200;

Fig. 6 is a front view illustrating one configuration example of a mask 1A according to a second embodiment;

Fig. 7 is a view illustrating an example where the mask 1A according to the second embodiment is worn;

Fig. 8 is a view illustrating one configuration example of a mask 1B according to a third embodiment, Figs. 8(a) and 8(b) being a front view and a back view;

Fig. 9 is a view illustrating an example where the mask 1B according to the

third embodiment is worn;

Fig. 10 is a view illustrating one configuration example of a mask 1C according to a fourth embodiment, Figs. 10(a) and 10(b) being a front view and a back view;

Fig. 11 is a view illustrating one configuration example of the mask 1C according to the fourth embodiment, Fig. 11(a) being a bottom view and Fig. 11(b) being a left side view; and

Fig. 12 is a front view illustrating one configuration example of a mask 1D configured such that the shape of a mouth covering portion is closer to a crescent shape.

DESCRIPTION OF EMBODIMENTS

[0015]

[First Embodiment]

[Configuration]

Hereinafter, a first embodiment of the present invention will be described.

Figs. 1 to 5 are views illustrating the first embodiment.

First, the configuration of the first embodiment will be described.

Figs. 1 to 3 are views illustrating one configuration example of a mask 1 according to the first embodiment, Figs. 1(a) and 1(b) being a front view and a back view and Figs. 2(a) and 2(b) being a bottom view and a left side view. Fig. 3 is a perspective view. Figs. 4(a) and 4(b) are views illustrating an example where a wearer 100 wears the mask 1.

[0016]

As illustrated in Figs. 1 to 4, the mask 1 includes a cloth-like mouth covering portion 2 that covers a portion of the face of the wearer 100 including the mouth, the

periphery thereof, and the chin below the nostrils, and a pair of wearing portions 3 that is provided for wearing the mouth covering portion 2 on the face of the wearer 100. In addition, five non-slip members 5 provided on an outer edge portion of the back side of the mouth covering portion 2 are provided.

[0017]

Of the mouth covering portion 2, an upper side portion 21 has a downwardly-raised arc shape extending to positions near the ears (e.g., immediately below the anterior auricular muscles) through a face portion (e.g., philtrum) below the nostrils of the wearer and above the mouth of the wearer, and a lower side portion 22 has a downwardly-raised arc shape extending to the vicinity of the ears (e.g., immediately below both end portions of the upper side portion 21) through below the chin of the wearer in front view. That is, the mouth covering portion 2 has a substantially crescent shape in front view. In addition, the mask 1 has a planar configuration, unlike a general three-dimensional mask. Note that in the example of Fig. 1, it can be said that the mouth covering portion 2 has a substantially-first-quarter-moon shape with a chord portion on the upper side, i.e., a downwardly-raised arc shape.

[0018]

The mouth covering portion 2 includes, for example, cloth, paper, leather, and synthetic leather in a sheet shape as long as the cloth and the like are easily deformable and have skin-friendly properties. The cloth may include, for example, plant fibers such as cotton and hemp, animal fibers such as silk and cashmere, chemical fibers such as rayon and cupra, synthetic fibers such as polyester and nylon, and composite fibers thereof. The cloth also includes nonwoven fabric formed of these fibers.

[0019]

Each of the pair of wearing portions 3 includes an ear hook portion 3a having a

ring shape, and an attachment portion 3b for attaching the ear hook portion 3a to a connection portion 23 of the upper side portion 21 and lower side portion 22 of the mouth covering portion 2.

The ear hook portion 3a has such a configuration that a thin belt-shaped member has a ring shape. The ear hook portion 3a is preferably formed of a member which does not damage the ear upon attachment and detachment and does not make the ear painful even after contacted for a long period of time. For example, the ear hook portion 3a is made of a resin material such as silicone, soft plastic, or rubber.

[0020]

The attachment portion 3b is a belt-shaped portion extending in the right-left direction at the connection portion 23 of the upper side portion 21 and lower side portion 22 of the mouth covering portion 2, and the ear hook portion 3a is attached to the mouth covering portion 2 in such a manner that such an extended portion is wound around a thin belt-shaped portion of the ring-shaped ear hook portion 3a and is fixed with, e.g., an adhesive.

[0021]

The non-slip member 5 is formed of a sheet-shaped member having a non-slip function and made of a skin-friendly resin material such as silicone resin. An appropriate number of non-slip members 5 is preferably provided at appropriate positions according to, e.g., adhesion and stuffiness reduction. That is, the non-slip member 5 is preferably configured such that air permeability obtained by the planar configuration is not excessively degraded.

[0022]

In the example illustrated in Fig. 1(b), at the outer edge portion of the back surface of the mouth covering portion 2, three non-slip members 5 are provided at

intervals along the upper side portion 21, and two non-slip members 5 are provided along left and right center portions of the lower side portion 22. Each of these non-slip members 5 is formed in a shape having a curved side along the arc shape of the upper side portion 21 or the lower side portion 22 according to the arrangement position, and for example, is bonded and fixed with an adhesive.

[0023]

Of the mask 1 having the above-described configuration, the mouth covering portion 2 is opened left and right with the left and right ear hook portions 3a held in a state in which the upper side portion 21 is on the upper side and the back side on which the non-slip members 5 are provided faces the face, for example. In this state, the wearer 100 wears, on the face thereof, the mask 1 as illustrated in Figs. 4(a) and 4(b) in such a manner that the left and right ear hook portions 3a are each hooked on the ears with the upper side portion 21 below the nostrils, e.g., on the philtrum. In this manner, the wearer 100 wears, on the face thereof, the mask 1 in a state in which the center non-slip member 5 on the upper side portion 21 side is positioned on the philtrum of the wearer 100 and the lower side portion 22 of the mouth covering portion 2 covers the jaw of the wearer in front view. At this time, a gap is formed at a portion other than contact portions between the non-slip members 5 and the face because the mouth covering portion 2 has the planar configuration. That is, the mouth covering portion 2 is in a state with favorable air permeability.

[0024]

[Advantageous Effects of First Embodiment]

In the first embodiment, the mask 1 includes the cloth-like mouth covering portion 2 that covers the portion of the face of the wearer including the mouth, the periphery thereof, and the chin below the nostrils, and the pair of wearing portions 3 for

wearing the mouth covering portion 2 on the face of the wearer. In front view, the mouth covering portion 2 has such a planar substantially-crescent shape that when the mask is worn, the upper side portion 21 has the downwardly-raised arc shape extending through the face portion below the nostrils and above the mouth and the lower side portion 22 has the downwardly-raised arc shape extending below the chin in front view. Further, the pair of wearing portions 3 includes the ring-shaped ear hook portions 3a each coupled to the left and right connection portions of the upper side portion 21 and lower side portion 22 of the mouth covering portion 2 and hooked on the ears to fix the mouth covering portion 2 to the face.

[0025]

With such a configuration, it is possible to prevent diffusion of airborne droplets due to, e.g., cough or sneezing, and therefore, it is possible to prevent diffusion of viruses and the like due to, e.g., cough or sneezing. In addition, since the nostrils are not covered when the mask 1 is worn and the mouth covering portion 2 has the planar configuration, it is possible to obtain an advantageous effect of allowing easy nasal breathing with less stuffiness. Further, since the wearing portions 3 include the ring-shaped ear hook portions 3a and are each connected to the left and right connection portions 23 of the mouth covering portion 2 through the attachment portions 3b, it is possible to reduce interference of the members forming the wearing portions 3 with the face as compared to the prior art.

[0026]

In the first embodiment, the mask 1 is configured such that the mouth covering portion 2 of the mask 1 has such a length that the left and right connection portions 23 reach the vicinity (e.g., immediately below the anterior auricular muscles) of the left and right ears of the wearer when the mask 1 is worn and the ear hook portions 3a are

directly fixed to the left and right connection portions 23. Thus, since no string-shaped member is interposed between the mouth covering portion 2 and the ear hook portion 3a, the string-shape member is not entangled when a plurality of masks 1 is stacked on each other. As a result, it is possible to obtain an advantageous effect of easily storing the masks 1 in an overlapping manner.

[0027]

Hereinafter, specific examples will be described.

Fig. 5(a) is a schematic view illustrating an example where the plurality of masks 1 is stored in an overlapping manner on a mask stocker 200, and Fig. 5(b) is a schematic view illustrating an example where a plurality of masks 1E is stored in an overlapping manner on the mask stocker 200.

As illustrated in Fig. 5(a), the mask stocker 200 includes a mask placing table 201 having a rectangular shape in plan view, and a circular columnar or cylindrical mask support rod 202 standing on a surface of one end portion of the mask placing table 201 in the longitudinal direction thereof. The mask placing table 201 has a sufficient area for placing the masks 1, and the mask support rod 202 has a diameter smaller than the inner diameter of the ear hook portion 3a of the mask 1.

[0028]

The mask stocker 200 is used, for example, for storing the masks 1, and as illustrated in Fig. 5(a), the first mask 1 is placed on the mask placing table 201 in a state in which the mask support rod 202 is inserted into the ear hook portion 3a of one of the pair of wearing portions 3 of such a mask 1. Thereafter, the plurality of masks 1 can be stored in an overlapping manner similarly in such a manner that the masks 1 are sequentially stacked one above the other with the mask support rod 202 inserted into the ear hook portions 3a.

[0029]

Next, the configuration of the mask 1E will be described.

The mask 1E is another embodiment of the present invention, and as illustrated in Fig. 5(a), includes a mouth covering portion 2E and wearing portions 3E instead of the mouth covering portion 2 and the wearing portions 3 of the mask 1. In addition, a plurality of non-slip members (not illustrated) is provided at an outer edge portion of a surface of the mouth covering portion 2E facing the face side when the mask 1E is worn.

[0030]

The mouth covering portion 2E is formed in a substantially crescent shape having a shorter left-right length than that of the mouth covering portion 2 of the mask 1. The pair of wearing portions 3E includes ear hook portions 3a and string-shaped attachment portions 3c, and the ear hook portions 3a are each connected to left and right connection portions of an upper side portion and lower side portion of the mouth covering portion 2E through the attachment portions 3c. Each of the plurality of non-slip members is formed of a member similar to the non-slip member 5, and is formed in a shape corresponding to the shape of the upper side portion or lower side portion of the mouth covering portion 2E according to the arrangement position.

[0031]

The attachment portion 3c may be formed of the same member as that of the mouth covering portion 2E, or may be formed of another member. The attachment portion 3c is formed of a stretchable member such as a rubber string so that the position of the ear hook portion 3a can be adjusted.

In a case where the plurality of masks 1E is stored in an overlapping manner on the mask stocker 200 as in the masks 1, the string-shaped attachment portions 3c of the

overlapping masks 1E are entangled with each other as indicated by dashed oval portions in Fig. 5(b). Thus, in a case where it is desired to take out the masks 1E one by one, a troublesome process such as loosening of the entangled portions is necessary.

[0032]

On the other hand, in the case of the masks 1, even if the plurality of masks 1 is stacked on each other as illustrated in Fig. 5(a), entanglement does not occur and the masks 1 can be easily taken out one by one because there are no string-shaped connection portions. Note that this is similarly effective not only on the mask stocker 200 but also on other storage tools in which masks are stored in an overlapping manner, such as a case for storing masks.

[0033]

[Second Embodiment]

[Configuration]

Next, a second embodiment of the present invention will be described. Figs. 6 and 7 are views illustrating the second embodiment. Hereinafter, only portions different from those of the first embodiment will be described, and overlapping description thereof will be omitted.

The second embodiment is different from the first embodiment in that a transparent moisture-proof sheet, which is a sheet-shaped member having transparency and moisture-proof properties, is bonded to the front surface of a mouth covering portion 2. Other configurations are similar to those of the first embodiment.

[0034]

Figs. 6 and 7 are views illustrating one configuration example of a mask 1A according to the second embodiment, Fig. 6 being a front view and Figs. 7(a) and 7(b) being a bottom view and a left side view.

As illustrated in Figs. 6, 7(a), and 7(b), the mask 1A is configured such that a sheet-shaped transparent moisture-proof sheet 6 having a shape along the substantially crescent shape of the mouth covering portion 2 in front view is bonded with, e.g., an adhesive to the surface of the mouth covering portion 2 facing the front side thereof when the mask 1A is worn on the face.

[0035]

Here, the transparent moisture-proof sheet 6 is, for example, a light-transmissive sheet made of, e.g., polyethylene, and has a function of allowing the pattern and color of the mouth covering portion 2 to be seen through and preventing moisture penetration from the outside. The thickness of the transparent moisture-proof sheet 6 is set to a thickness which does not excessively degrade the flexibility of the mouth covering portion 2 and is set in consideration of durability and the like. For example, the thickness is about 0.05 [mm] to 0.2 [mm].

[0036]

A method for wearing the mask 1A on the face is similar to that for the mask 1 of the first embodiment, and therefore, description thereof will be omitted.

[Advantageous Effects of Second Embodiment]

In the second embodiment, the mask 1A is configured such that the transparent moisture-proof sheet 6 having the transparency and the moisture-proof properties is bonded to the front surface of the mouth covering portion 2.

[0037]

With such a configuration, moisture penetration from the outside can be prevented by the transparent moisture-proof sheet 6 in a humid season such as the summer, so that stuffiness can be reduced. In addition, since the transparent moisture-proof sheet 6 is formed of the light-transmissive member, it is possible to see the pattern

and color of the mouth covering portion 2 through the transparent moisture-proof sheet 6 and to reduce designability impairment.

[0038]

[Third Embodiment]

[Configuration]

Next, a third embodiment of the present invention will be described. Figs. 8 and 9 are views illustrating the third embodiment. Note that hereinafter, only portions different from those of the second embodiment will be described, and overlapping description thereof will be omitted.

The third embodiment is different from the second embodiment in that a thin belt-shaped jaw covering frame 7 formed deformable along the shape of a jaw and having shape retainability is provided at a lower side portion 22 of a mouth covering portion 2. Other configurations are similar to those of the second embodiment.

[0039]

Fig. 8 is a view illustrating one configuration example of a mask 1B according to the third embodiment, Figs. 8(a) and 8(b) being a front view and a back view. Fig. 9 is a view illustrating an example where a wearer 100 wears the mask 1B.

As illustrated in Figs. 7(a) and 7(b), the mask 1B is configured such that the thin belt-shaped substantially-U-shaped jaw covering frame 7 is arranged at a center portion of the lower end of the lower side portion 22 of the back surface of the mouth covering portion 2 along the curved shape of the center portion of the lower end and a cover cloth 24 is sewn so as to cover the jaw covering frame 7.

[0040]

The cover cloth 24 prevents the jaw covering frame 7 from dropping, and restricts movement of the jaw covering frame 7.

The jaw covering frame 7 is formed of, for example, shape-retaining plastic made of polyethylene, a member formed by combining a metal core such as a wire with shape-retaining plastic made of polyethylene, or a member formed by coating a metal core with plastic or vinyl. That is, the jaw covering frame 7 is formed of a plastically-deformable member.

[0041]

As illustrated in Fig. 9, the mask 1B having the above-described configuration can be worn so as to cover the chin at the lower side portion of the mouth covering portion 2 in such a manner that the jaw covering frame 7 is deformed along the shape of the jaw after the mask 1B has been worn on the face, as in the mask 1 of the first embodiment. Note that it is also possible to give priority to air permeability by wearing the mask 1B without deforming the jaw covering frame 7 along the shape of the jaw.

[0042]

[Advantageous Effects of Third Embodiment]

In the third embodiment, the mask 1B is configured such that the mouth covering portion 2 is provided, at the lower side portion 22, with the jaw covering frame 7 deformable along the shape of the jaw.

With such a configuration, the lower side portion 22 of the mouth covering portion 2 can be deformed along the shape of the jaw, so that the chin can have sharp appearance when the mask 1B is worn. As a result, it is possible to obtain an advantageous effect of making the face look smaller as compared with a case where the mask 1B is worn with the lower side portion 22 hanging down in the front of the chin.

[0043]

In addition, when the chin is covered with the lower side portion 22 of the

mouth covering portion 2 by deformation of the jaw covering frame 7, the air permeability is degraded. However, since the transparent moisture-proof sheet 6 can reduce moisture penetration from the outside, stuffiness in the mask 1B due to moisture from the outside can be reduced.

[Correspondence Relationship]

In the third embodiment, the jaw covering frame 7 corresponds to a frame of a fourth aspect of the invention.

[0044]

[Fourth Embodiment]

[Configuration]

Next, a fourth embodiment of the present invention will be described. Figs. 10 and 11 are views illustrating the fourth embodiment. Hereinafter, only portions different from those of the first embodiment will be described, and overlapping description thereof will be omitted.

The fourth embodiment is different from the first embodiment in that a magnet sheet 8 for promoting blood circulation is provided on a surface of a mouth covering portion 2 facing the face upon wearing. Other configurations are similar to those of the first embodiment.

[0045]

Fig. 10 is a view illustrating one configuration example of a mask 1C according to the fourth embodiment, Figs. 10(a) and 10(b) being a front view and a back view. Fig. 11 is a view illustrating an example where a wearer 100 wears the mask 1C.

As illustrated in Figs. 10(a) and 10(b), the mask 1C is provided with the sheet-shaped magnet sheets 8 having a curved shape along nasolabial folds at positions facing the positions of the nasolabial folds on the surface of the mouth covering portion 2

facing the face upon wearing.

[0046]

The magnet sheet 8 may be made of any magnet material as long as the magnet sheet 8 has magnetic force exerting an effect of promoting blood circulation. In addition, to such an extent that the magnetic force necessary for promoting blood circulation can be obtained, the surface of the magnet sheet 8 may be coated with a material having a non-slip function such that the magnet sheet 8 does not shift from the position of the nasolabial fold, or may be provided with asperities.

[0047]

As illustrated in Fig. 11, when the mask 1C having the above-described configuration is worn on the face as in the mask 1 of the first embodiment, the magnet sheets 8 each contact the face portions where the right and left nasolabial folds are generated, and the contact positions are magnetically irradiated.

[Advantageous Effects of Fourth Embodiment]

In the fourth embodiment, the mask 1C is provided with the sheet-shaped magnet sheets 8 having the curved shape along the nasolabial folds at the positions facing the positions of the nasolabial folds on the surface of the mouth covering portion 2 facing the face upon wearing.

[0048]

With such a configuration, when the mask 1C is worn on the face, it is possible to magnetically irradiate the face portions where the nasolabial folds are generated and to promote blood circulation at these portions. The nasolabial fold is mainly generated due to sagging of the skin and sagging of the skin can be prevented by promoting blood circulation, and therefore, it is possible to reduce generation of the nasolabial fold or to assist in making the existing nasolabial fold less conspicuous.

[0049]

[Correspondence Relationship]

In the fourth embodiment, the magnet sheet 8 corresponds to a magnet of a sixth aspect of the invention.

[Modifications]

Note that in each of the above-described embodiments, the shape of the mouth covering portion 2 may be a shape closer to the crescent shape as in a mask 1D illustrated in Fig. 12. Fig. 12 is a front view illustrating one configuration example of the mask 1D configured such that the shape of the mouth covering portion is closer to the crescent shape. As illustrated in Fig. 12, the mask 1D includes a mouth covering portion 2D instead of the mouth covering portion 2 of the mask 1 of the first embodiment. The mouth covering portion 2D is configured such that an upper side portion 21D has a downwardly-raised arc shape with a greater curvature than that of the upper side portion 21 of the mouth covering portion 2 and a lower side portion 22D has an arc shape having a curvature similar to that of the lower side portion 22 of the mouth covering portion 2. Since the shape is formed closer to the crescent shape as described above, it is possible to make the wearer look as if the wearer smiles when the mask 1D is worn.

[0050]

In each of the above-described embodiments and modifications thereof, the mouth covering portion has such a size that the mouth covering portion covers the face up to the lower side of the jaw in front view, but the present invention is not limited to this configuration. For example, the lower side portion may have a shape along the contour of the jaw, and may have such a size that the lower side portion can reach the contour position of the jaw. In this case, a non-slip member may be provided at the

center position of the lower end of the lower side portion on the back side of the mouth covering portion.

[0051]

In the fourth embodiment, the configuration in which the sheet-shaped magnets are provided has been described as an example, but the present invention is not limited to this configuration. For example, other configurations may be employed, such as a configuration in which a plurality of small magnets having an elliptical cross section is arranged at the positions of the nasolabial folds and is fixed with an adhesive. In addition, the position at which the magnet is provided is not limited to the position of the mouth covering portion facing the position of the nasolabial fold, and other configurations may be employed, such as a configuration in which the magnet is provided at a position facing the position of a muscle related to sagging of the skin which is a cause for the nasolabial fold or at a position facing a portion where not the nasolabial fold but a marionette line is generated.

LIST OF REFERENCE SIGNS

[0052]

1, 1A to 1E	Mask
2,2A,2B	Mouth Covering Portion
21,21D,21E	Upper Side Portion
22,22D,22E	Lower Side Portion
23,23D,23E	Connection Portion
3,3E	Wearing Portion
3a	Ear Hook Portion
3b,3c	Attachment Portion

5	Non-Slip Member
6	Transparent Moisture-Proof Sheet
7	Jaw Covering Frame
8	Magnet Sheet
200	Mask Stocker
201	Mask Placing Table
202	Mask Support Rod

CLAIMS

1. A mask comprising:

a cloth-like mouth covering portion that covers a portion of a face of a wearer including a mouth, a periphery thereof, and a chin below nostrils; and

a pair of wearing portions attached to the mouth covering portion for securing the mouth covering portion to the face of the wearer,

wherein the mouth covering portion comprises:

an upper side portion having a downwardly-raised arc shape extending across a portion of the face below the nostrils and above the mouth in a worn state; and

a lower side portion having a downwardly-raised arc shape extending below the chin,

wherein

the upper side portion and the lower side portion are connected to each other at left and right connection portions such that the mouth covering portion has a substantially crescent shape,

the upper side portion and the lower side portion have respective lengths such that the left and right connection portions are positioned adjacent to opposing anterior auricular regions of the wearer, and

a lower end of the lower side portion hangs down below the chin such that a gap is formed between the mouth covering portion and the wearer's jaw, and

wherein each wearing portion comprises a ring-shaped ear hook portion and an attachment portion connecting the ear hook portion to a respective one of the left and right connection portions, the ear hook portion being positioned such that an opening surface thereof is parallel to a surface of the mouth covering portion for engagement with the

wearer's ears.

2. The mask according to claim 1, wherein
the mouth covering portion further comprises a frame provided at the lower side portion, the frame is deformable to conform to a shape of a wearer's jaw.
3. The mask according to claim 1 or 2, wherein
a transparent moisture-proof sheet having a shape substantially corresponding to the mouth covering portion is bonded to a surface of the mouth covering portion.
4. The mask according to any one of claims 1 to 3, wherein
a sheet-shaped non-slip member is provided at an outer edge portion of a surface of the mouth covering portion facing the wearer's face in a worn state.
5. The mask according to any one of claims 1 to 4, wherein
a magnet sheet is provided on a surface of the mouth covering portion facing the wearer's face in a worn state for promoting blood circulation.