

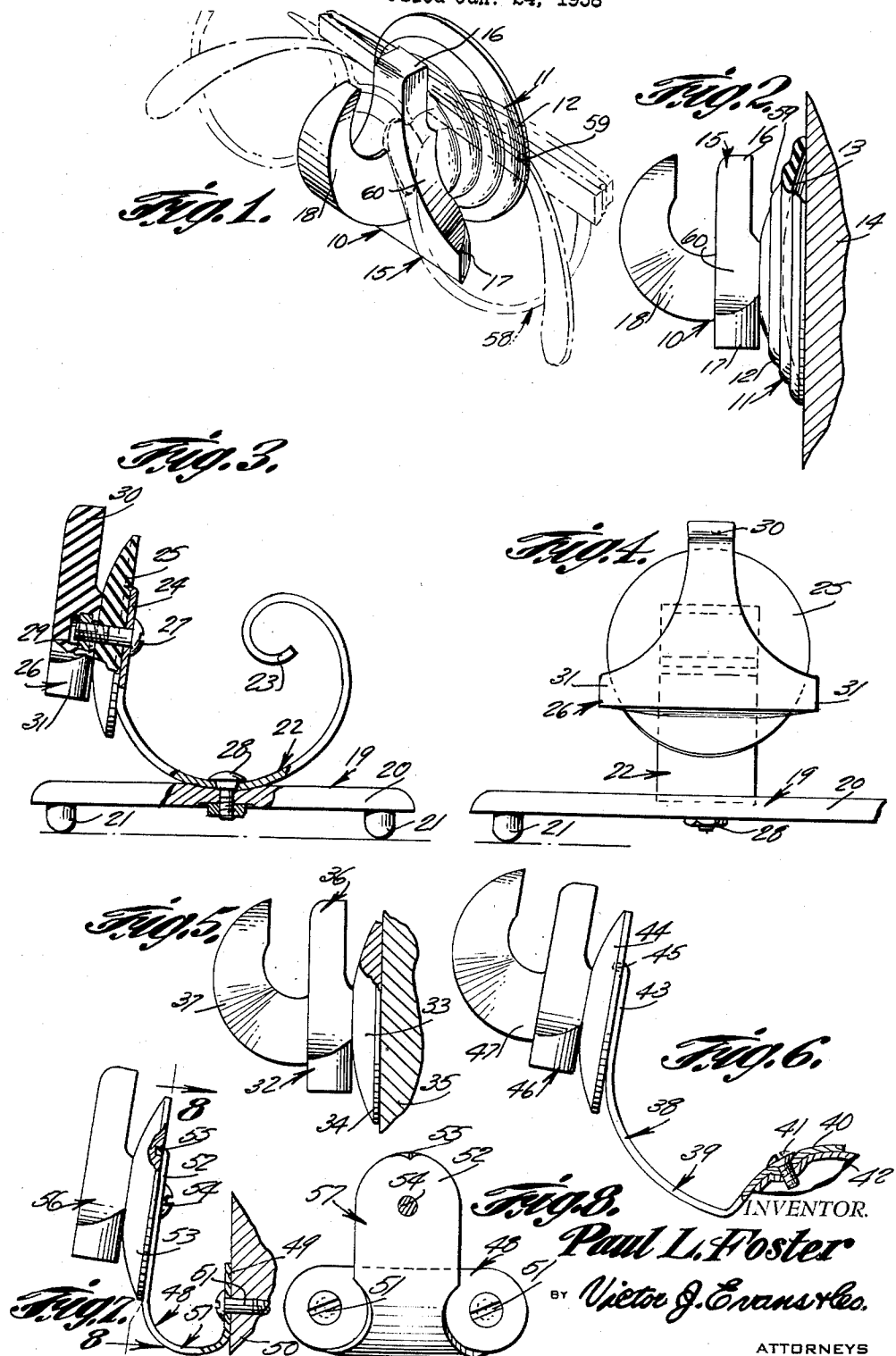
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HOLDER FOR SPECTACLES

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1

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HOLDER FOR SPECTACLES

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7 Claims. (Cl. 248—176)

This invention relates to a holder or supporting device, and more particularly to a holder for spectacles.

The object of the invention is to provide a holder which can be conveniently attached to a supporting structure whereby spectacles or the like can be readily or conveniently supported by the holder.

Another object of the invention is to provide a spectacles holder which in one form of the invention includes a member that may be releasably or fixedly secured to a supporting structure, and wherein this member has means associated therewith for supporting spectacles in a highly efficient manner.

A further object of the invention is to provide a holder for spectacles which is extremely simple and inexpensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings, forming a part of this application, and in which like numerals are used to designate like parts throughout the same.

Figure 1 is a perspective view illustrating one form of the holder for spectacles, constructed according to the present invention.

Figure 2 is a side elevational view of the holder of Figure 1, and showing the holder attached to a supporting structure, and with parts broken away and in section.

Figure 3 is a side elevational view of a modified holder, with parts broken away and in section.

Figure 4 is a view taken at right angles to the view shown in Figure 3.

Figure 5 is a side elevational view with parts broken away and in section, illustrating a further modification.

Figure 6 is a fragmentary side elevational view, illustrating a still further modification.

Figure 7 is a side elevational view, with parts broken away and in section, illustrating a still further modification.

Figure 8 is a sectional view taken on the line 8—8 of Figure 7.

Referring in detail to the drawings, and more particularly to Figures 1 and 2 of the drawings, the numeral 10 indicates a holder for spectacles which includes a cup-like support member 11 which is shown to be in the form of a suction cup, and the support member 11 includes a rounded outer surface 12 and a recessed inner surface 13 whereby the member 11 can be connected to a supporting structure such as the supporting structure 14.

The holder 10 further includes a body member which is indicated by the numeral 15, and the body member 15 is secured to the support member 11 in any suitable manner. The body member 15 includes a vertically disposed upper portion 16, as well as lower oppositely extending side portions 17. The numeral 18 indicates a curved finger which has one end extending from the body member 15 and which is secured thereto.

Referring to Figures 3 and 4 of the drawings, there is shown a modified holder for spectacles which is indicated generally by the numeral 19, and the holder 19

2

includes a horizontally disposed base 20 which is provided with depending feet 21. The numeral 22 indicates a bracket which is connected to the base 20 in any suitable manner, as for example by means of a bolt and nut assembly 28. One end of the bracket 22 is shaped to define a curved lip 23, while the other end of the bracket 22 is shaped to define a flat ear 24. The numeral 25 indicates a support member which is arranged contiguous to the ear 24, while there is further provided a body member 26 which has a nut 29 embedded therein. A bolt or screw 27 extends through the ear 24 and engages the nut 29 whereby the body member 26 and support member 25 are fastened to the bracket 22. The body member 26 includes an upstanding portion 30 as well as lower side portions 31 so that the body member 26 has substantially the same construction as the previously described body member 15.

Referring now to Figure 5 of the drawings, there is shown a holder which is indicated generally by the numeral 32, and the holder 32 includes a support member 33 which has adhesive 34 on one side thereof whereby the support member 33 can be secured to a supporting structure 35. A body member 36 is secured to the support member 33, and a curved finger 37 extends from the body member 36.

In Figure 6 there is illustrated a further modified holder which is indicated generally by the numeral 38, and the holder 38 includes a bracket 39 which is provided with an offset end portion 40 that is adapted to be secured to a supporting structure 42 by means of a securing element such as the screw or bolt 41. The bracket 39 further includes an end portion 43 which can be secured to a support member 44 in any suitable manner, and a tooth 45 may extend from the bracket 39 for helping to properly secure the bracket and support member together. A body member 46 is secured to the support member 44, and a finger 47 extends from the body member 46.

Referring now to Figures 7 and 8 of the drawings, there is shown a further modified holder for spectacles which is indicated generally by the numeral 48, and the holder 48 comprises a bracket 57 which has an end portion 49 adapted to be secured to a supporting structure 50 by means of securing elements 51. The bracket 57 further includes an end portion 52 which can be secured to a support member 53 by means of a securing element 54, and a tooth 55 extends from the bracket 57 and engages the support member 53. The numeral 56 indicates a body member which is secured to the support member 53.

From the foregoing, it is apparent that there has been provided a holder for spectacles, and in Figures 1 and 2 there is shown one form of the invention which is indicated generally by the numeral 10. The holder 10 includes a suction cup 11 which is adapted to be releasably connected to a supporting structure 14, and the cup 11 defines a support member which has a body member 15 secured thereto, and extending from the body member 15 is a curved finger 18.

In Figures 3 and 4 there is illustrated a modified spectacles holder which is indicated generally by the numeral 19, and the holder 19 includes a base 20 which is horizontally disposed, and connected to the base 20 is a bracket 22. A bolt and nut assembly 27 and 29 connects a support member 25 to an ear or end portion 24 of the bracket 22, and a body member 26 is secured to the other parts.

In the modification of Figure 5, the holder 32 includes the support member 33 which is adapted to be secured to the supporting structure 35 by means of adhesive 34, and the holder 32 includes the body member 36 and finger or member 37.

In Figure 6 the holder 38 includes the bracket 39 which

3

is adapted to be secured to a supporting member 42 by means of the securing element 41, and a portion 43 of the bracket 39 is secured to a support member 44, the member 44 having a body member 46 connected thereto and there is further provided the finger 47.

In Figures 7 and 8 the holder is indicated generally by the numeral 48 and includes the bracket 57 which has the portion 49 secured to the support structure 50 by means of the securing elements which may be screws 51. The support member 53 is secured to an end 52 of the bracket 57, and a body member 56 is secured to the support member 53.

Thus, according to the present invention it will be seen that there has been provided a holder for spectacles, and when the device is attached to various surfaces or supporting structures, the device will provide a stationary rest for spectacles when the spectacles are not being used, and such spectacles are indicated by the numeral 58 in Figure 1. The device will fit all types such as sunglasses or regular spectacles, plastic frames, metal frames or frameless. The spectacles can be inserted or removed with ease, and yet the spectacles will be held securely even in a tilted position and no part of the device ever touches the lens surfaces.

The device is especially suitable as a holder for sunglasses in automobiles, but it is to be understood that the device can be used anywhere that glasses are to be supported for a period of time. The device can be made from a single piece of material and in Figures 1 and 2 for example, it will be seen that since the surface 59 of the suction cup 11 is convex, it contacts only the inside edges of the spectacles frames which are held against this surface by the body member 15. The portion 16 of the body member projects upward in back of the bridge piece and prevents the spectacles from tilting back at the top and there is sufficient distance between this projection 16 and the convex surface 59 to allow for the heavier bridge of plastic frames. The numeral 60 indicates surfaces which are curved and which form the sides of the body member 15 and serve as rests for the nose pieces, and these surfaces 60 are concavely contoured and flare outward toward the bottom and back approximating the contours of the regions on the human face where the nose pieces fit and accommodating either widely or narrowly spaced nose pieces. The narrow perpendicular edges 17 extend horizontally around the bottom of the flared surfaces 60 and serve as rests for the lower part of the frames, and these edges 17 taper rearward towards the sides to prevent them from touching the lens surfaces and to allow for different sizes and shapes of spectacles. The portion or finger 18 serves as a hook on the back of the device to prevent the ear pieces from swinging back, since some spectacles do not have enough friction to hold them in folded position and this is useful when mounted in a tilted position as on a car windshield.

In certain instances the hook or finger 18 may be omitted and such an arrangement would be satisfactory for spectacles with enough friction to keep them folded or where the device was not tilted back. As previously described, in certain forms of the invention adhesive can be used for securing the device in place, while in other arrangements securing elements such as bolts and nuts can be used for securing the parts in place. The arrangement shown in Figure 6 includes the bracket 39 which has the portion 40 which may be secured to a support 42 which may be a windshield molding, by means of securing elements 41. In Figures 3 and 4 the bracket 22 may be connected to a base 20 for use as a desk stand or the like.

The parts can be made of any suitable material and in different shapes or sizes.

In Figures 1 and 2 there is illustrated a suction cup version 10 which can be attached to windshields, windows, mirrors or any smooth non-porous surface. The device 32 of Figure 5 can be attached to any suitable surface by means of the adhesive 34. The arrangement

4

shown in Figures 7 and 8 can be bolted to any material in which a hole can be drilled. In Figures 3 and 4 the bracket 22 is shown being bolted to a desk stand base 20, and in Figures 6 or 7 and 8 the bracket may be bolted to a windshield molding. The shape and size of these brackets can be varied as desired. The parts can be made of any suitable material and in different shapes or sizes. In certain instances the ear piece hook or finger 18 can be omitted where the holder can be tilted slightly forward. In Figures 1 and 2, the nose pieces of the spectacles are adapted to rest against the curved surfaces of the holder. When the suction cup 11 is mounted, it is somewhat flattened out.

Minor changes in shape, size and rearrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

I claim:

1. In a holder for spectacles, a suction cup having a rounded outer surface, and said suction cup defining a support member, a body member arranged contiguous to the outer end of said support member and secured thereto, said body member including a vertically disposed upper portion, oppositely extending side portions on the lower end of said body member, curved surfaces between said upper portion and side portions, and a curved finger extending from said body member and secured thereto.

2. In a holder for spectacles, a horizontally disposed base, feet depending from said base, a bracket having a curved section secured to said base, one end of said bracket terminating in a curved lip, the other end of said bracket terminating in a flat ear, a securing element extending through said ear, a support member arranged contiguous to said ear, a body member arranged contiguous to said support member, a nut embedded in said body member and said nut being arranged in engagement with the inner end of said securing element, said body member including a vertically disposed upper portion, said body member further including oppositely extending side portions on the lower end thereof, and curved surfaces extending between said upper portion and side portions of the body member.

3. In a holder for spectacles, a support member having a flat surface and a rounded surface, adhesive for securing said flat surface to a supporting structure, a body member secured to said support member, said body member including a vertically disposed upper portion, oppositely extending side portions at the lower end of said body member, curved surfaces extending between said upper portion and side portions, and a curved finger extending from said body member and secured thereto.

4. In a holder for spectacles, a bracket provided with an offset end portion for securement to a supporting structure, a support member secured to the other end of said bracket, a body member arranged contiguous to said support member and secured thereto, said body member including a vertically disposed upper portion, oppositely extending side portions in the lower end of said body member, curved surfaces extending between said upper portion and side portions, and a curved finger extending from said body member and secured thereto.

5. In a holder for spectacles, a bracket having an end portion adapted to be secured to a supporting structure, a support member secured to the other end of said bracket, and a body member secured to said support member, said body member including a vertically disposed upper portion, there being oppositely extending side portions in the lower end of said body member, and curved surfaces extending between said upper portion and side portions.

6. In a holder for supporting spectacles of the type which include lenses, nose bridge, a support member having an outer convex surface, and a body member connected to said support member, said body member including a vertically disposed upper portion, said body member further including a pair of oppositely extending

5

side portions on the lower end thereof, and curved surfaces between said upper portion and side portions, the lenses being supported only toward the center of the spectacles by being wedged between the convex outer surface and the lower sections of the oppositely extending side portions so that spectacles of any dimension may be accommodated, the nose bridge of the spectacles resting against the vertically disposed upper portion on the side toward the convex surface of the support member.

7. A holder for spectacles comprising a support member adapted to be mounted to a supporting structure, said support member having a convex outer surface, said convex outer surface providing a front lens support and lens frame rest, a body member arranged contiguous to the center outer portion of said convex outer surface, said body member having an upright bridge rest projection, a pair of obliquely disposed concavely contoured nose piece rest surfaces extending downward from said

6

bridge rest projection and flaring sidewise to either side and being skirted horizontally around the bottom by a pair of curved narrow rims, said rims providing rear lens edge and lens frame rests and being opposed to said front lens edge and lens frame rests and acting in conjunction with the same to prevent marring or smudging of lens surfaces, said body member further having an upwardly curving ear piece rest finger extending from the lower portion of the outer end of the body member and secured thereto.

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UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

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It is hereby certified that error appears in the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

In the drawings, Fig. 1, the position of the spectacles 58 is incorrectly shown and should appear with the bridge piece inserted between the vertically disposed upper portion 16 of body member 15 of holder 10 and the rounded outer surface 12 of cup-like support member 11 and with the ear pieces inserted between portion 16 and the curved finger 18 which extends from body member 15.

Signed and sealed this 9th day of January 1962.

(SEAL)

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