# United States Patent [19]

**Platt**

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[54] **DISPOSABLE GLASSES CASE**


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[52] **U.S. Cl.** ..... **206/5;** 206/233; 206/472; 206/494

[51] **Int. Cl.²** ..... **A45C 11/04**

[58] **Field of Search** ..... 206/5, 6, 494, 379, 233, 206/DIG. 20, 472, 473



[56] **References Cited**

UNITED STATES PATENTS

| | | | |
|---|---|---|---|
| 565,528 | 8/1896 | Zoerb | 206/6 |
| 2,589,593 | 3/1952 | Anderson et al. | 206/379 |
| 3,033,359 | 5/1962 | Mercer | 206/DIG. 20 |
| 3,343,658 | 9/1967 | Renwick | 206/6 |
| 3,381,806 | 5/1968 | McDonagh | 206/5 R |



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[57] **ABSTRACT**

A disposable glasses case comprising a sheet of pliable material which is flanged at one end to form a pocket having attached therein a multiplicity of disposable treated tissues. Means for essentially holding the edges of the ends of the sheet of pliable material in proximity and registry is attached to the sheet.


**4 Claims, 4 Drawing Figures**

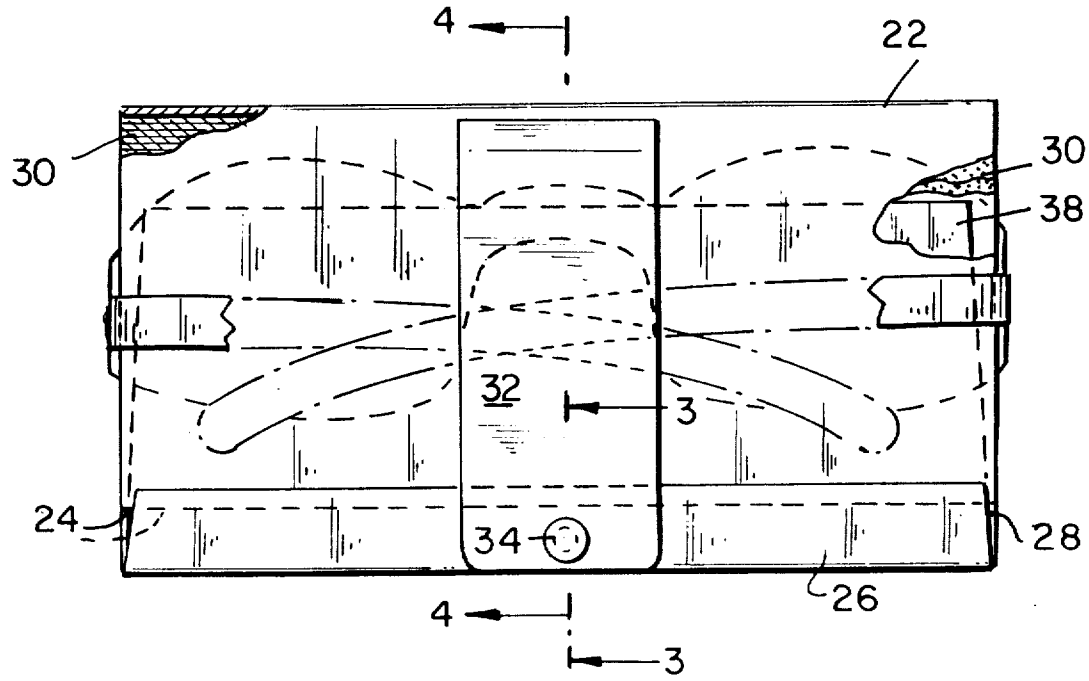


FIG. 1

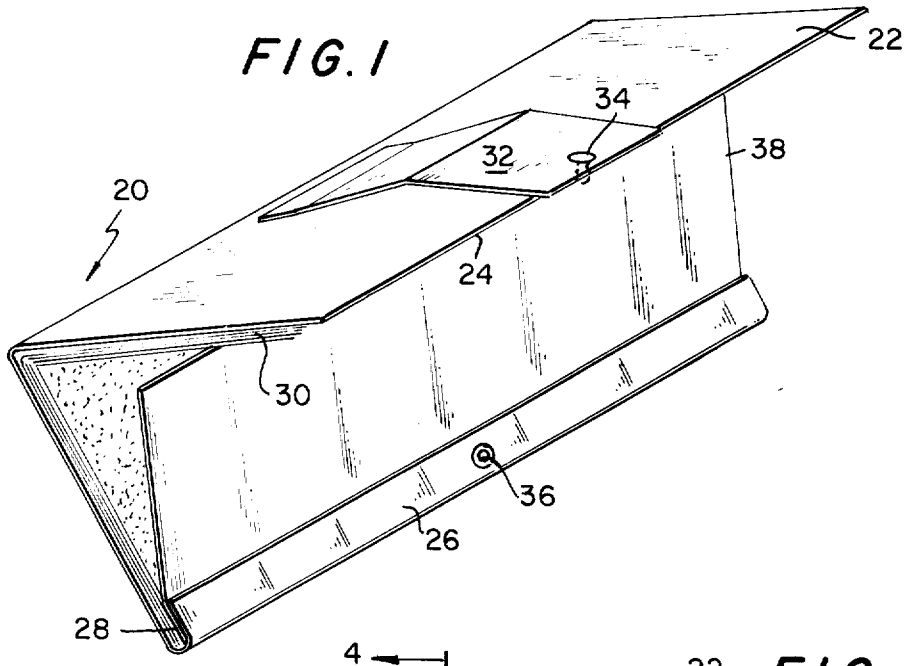



FIG. 2

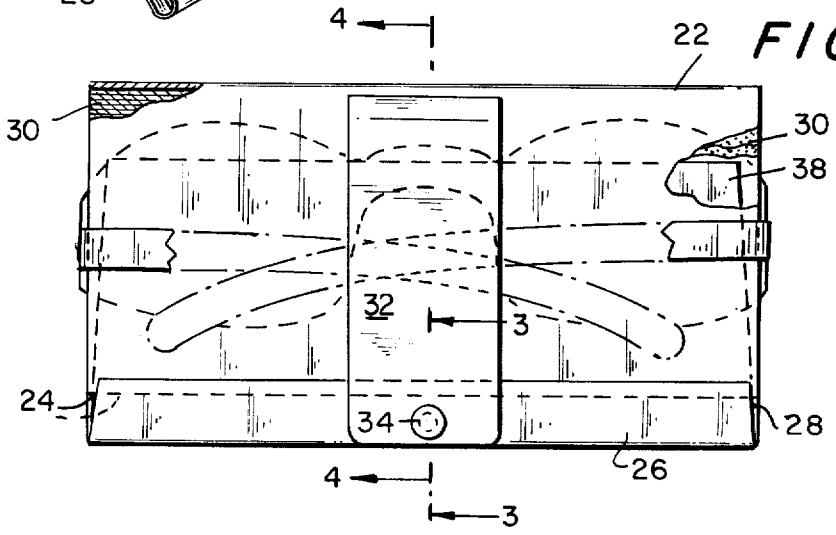
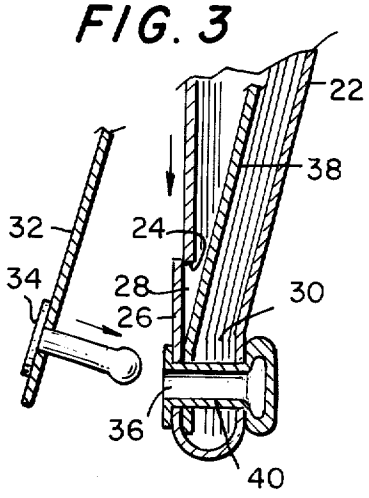



FIG. 3



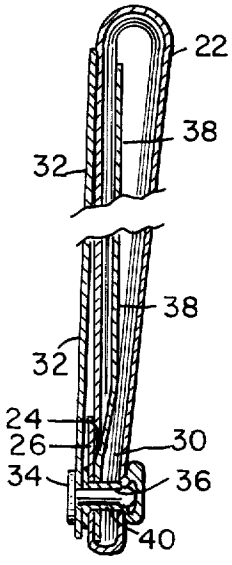




FIG. 4

# DISPOSABLE GLASSES CASE

## BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention is related to a disposable glasses case. More specifically, this invention provides a disposable glasses which includes silicon treated eyeglasses tissue for cleaning and can be adapted to carry eyeglasses when not being worn.

2. Description of the Prior Art

Conventional eyeglass cases which include cleaning tissues are nondisposable. The prior art spectacle cases which are readily disposable do not additionally include any plurality of means for lens cleaning. C. E. Lembcke in U.S. Pat. No. 903,937, patented Nov. 10, 1908, discloses a nondisposable eyeglass case adapted to be fitted with a pad of a number of layers of chamois and includes a flexible cover hinged at one end with a spring fastener and a spring clip secured on the inner face of the cover. J. E. Brown in U.S. Pat. Nos. 2,376,182 and 2,427,043, patented Jan. 16, 1945 and Sept. 9, 1947, respectively, discloses in each patent a nondisposable eyeglass case having a lens wiper in the form of a re-fill lens cleaning cloth positioned relatively to and within the case as to permit the proper insertion and easy manipulation of the thumb and forefinger so as to permit a desired latitude of movement in the circular or rotary cleaning motion desirable in wiping the lenses. W. C. Renwick invented a nondisposable eyeglass case in U.S. Pat. No. 3,343,658, patented Sept. 26, 1967, having a base member, a hinged lid mounted thereon, and an inner lining composed of a plurality of silicone treated tissues. R. J. McDonogh in U.S. Pat. No. 3,381,806, patented May 7, 1968, discloses an eyeglasses holder and wiper which can be hung on any suitable support and is composed of a soft fiber which can be used on the lens and be readily disposed of after use. None of the foregoing patents or prior art literature reveal a disposable combination of a glasses case and multiplicity cleaning tissues.

## SUMMARY OF THE INVENTION

The present invention accomplishes its desired objects by broadly providing a disposable glasses case comprising a sheet of pliable material having a first end and a second end. The first end is flanged to form a pocket having attached therein a multiplicity of disposable treated tissues, and attached to the sheet of pliable material is means for essentially holding the edges of the second end in proximity and registry with the edges of the first end when the sheet is folded. The disposable glasses case additionally includes a resilient member attached to the first end to bias the second end of the pliable material in a raised position when the holding means is released.

It is therefore an object of the present invention to provide a disposable glasses case composed of a combination of sheet of pliable material and a multiplicity of silicone treated tissues.

It is another object of the present invention to provide a disposable glasses case that additionally includes a spring means attached within to bias an end of the case in a raised position when opened for easy access to any enclosed eyeglasses or cleaning tissue.

It is yet another object of the present invention to provide a disposable glasses case which is durable and economical to manufacture.



These, together with various ancillary objects and features which will become apparent or the following description proceeds are obtained by this novel disposable glasses case, a preferred embodiment is shown in the accompanying drawings, by way of examply only, wherein:

## BRIEF DESCRIPTION OF THE DRAWING

FIG. **1** is a perspective view of the disposable glasses case unfolded and in a raised position;

FIG. **2** is a front elevation view of the disposable glasses case fastened including a pair of spectacles illustrated as dashed lines and having its rim and bows separated by the resilient member;

FIG. **3** is an enlarged fragmentary vertical sectional view taken along the plan of line **3**—**3** of FIG. **2** disclosing the male member as positioned to be fastened with the female member; and

FIG. **4** is an enlarged fragmentary vertical sectional view taken along the plane of line **4**—**4** in FIG. **2.**

## DETAILED DESCRIPTION OF THE INVENTION

Referring in detail now to the drawings, wherein like or similar parts of the invention are identified by like reference numerals, a disposable glasses case, generally illustrated as **20,** including an essentially rectangular sheet of pliable material **22** having a free end **24** and a flanged end **26** to form a pocket **28.** A multiplicity of disposable silicone treated tissues **30** are superincumbently positioned with respect to each other when sheet **22** is unfolded into a prostrate position and are connected within pocket **28.** A rectangular tab member **32** is substantially centrally attached at one end to sheet **22** and has a free end which includes a male member **34.** A female member **36** is substantially centrally positioned with flanged end **26** and cooperates with and receives male member **34** for essentially holding the edges of the free end **24** in proximity and registry with the edges of flanged end **26** when sheet **22** is folded. A rectangular resilient member **38** substantially traverses sheet **22** and is attached within pocket **28** of flanged end **26** to slightly upwardly bias against the top tissue of the superincumbently positioned tissues **30** to urge free end **24** of sheet **22** in a raised position when male member **34** is released from female member **36.** Resilient member **38** has a width less than the width of sheet **22** when folded. Female member **36** includes a shaft **40** extending through the top of flanged end **26,** the resilient member **38,** the multiplicity of treated tissues **30,** and sheet **22** where shaft **40** attaches, and additionally rigidly secures resilient member **38** and tissues **30** within pocket **28.**

In operation of the invention, male member **34** carried by tab **32** is withdrawn from female **26** to enable resilient member **38** to spring free end **24** of sheet **22** away from flanged end **26** and expose tissues **30** for utilization in cleaning glasses, shown as dashed lines in the drawings. Sheet **22** and tab **32** may be composed of any suitable durable material but are preferably a plate coated paper material or the like. Resilient member **38** may be made from any resilient material. In the preferred embodiment, member **38** is a plain stiff cardboard partially scored in proximity to the edge of flanged end **26** to give its free end an upwardly biased tendency. When disposable glasses case **20** is opened as disclosed in FIG. **1,** resilient member **38** is available to separate the bows and rims of the glasses when the glasses are placed within folded sheet **22** and secured

by male member **34** and female member **36.** After all of the silicon treated tissues **30** have been expended, glasses case **20** may be disposed of and another glasses case identical to **20** may be purchased.

While the present invention has been described herein with reference to particular embodiments thereof, a latitude of modification, various changes and substitions are intended in the foregoing disclosure, and in some instances some features of the invention will be employed without a corresponding use of other features without departing from the scope of the invention as set forth.

I claim:

**1.** A disposable eyeglasses case and eyglasses comprising, in combination:

a. eyeglasses having temple members,

b. a sheet of pliable material, said sheet including a first end portion and a second end portion, said first end portion being flanged to form a pocket having attached therein a multiplicity of disposable tissues, and

c. means attached to said sheet for essentially holding the edge of said second end portion in proximity and registry with the edge of said first end portion when said sheet is folded to form an eyeglasses storage pocket,

said sheet folded and said eyeglasses mounted in said last named pocket with said disposable tissues between said sheet and the front of said eyeglasses, another and opposite portion of said sheet to the back of said eyeglasses, and said temple members in retracted position.

**2.** The disposable glasses case and eyeglasses of claim **1** additionally including a resilient member having one end portion attached to said first end portion between an outer portion of said first named pocket and said tissues and having its opposite end substantially spaced from said first end portion, said resilient member being constructed and adapted to bias said second end of pliable material to a raised position when said means for holding means is released.

**3.** The disposable glasses case and eyeglasses of claim **2,** wherein:

a. said means for holding has a tab member having one end portion attached to said sheet, and a free end portion, and

b. said means for holding comprises a female member and a male member, said female member is attached to said first end portion and said male member is connected to said free end portion, and said female member cooperates with and receives said male member carried by said free end portion of said tab member when said sheet is folded.

**4.** The disposable glasses case and eyeglasses of claim **3,** wherein:

a. said sheet and said tab member are essentially rectangular, and said female member and said tab member are located substantially centrally with respect to said sheet, and

b. said tissues are essentially superincumbently positioned with respect to each other when said sheet is unfolded into a prostrate position, and

c. said resilient member substantially transverses said sheet and is generally rectangular in shape with a width less than the width of said sheet when folded, and said resilient member slightly upwardly biases against the top tissue of said tissues.

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