Sept. 30, 1969 E. B. HALPERIN 3,469,336

CALENDAR ATTACHMENT FOR TELEPHONES

Filed May 27, 1969 3 Sheets-Sheet 1

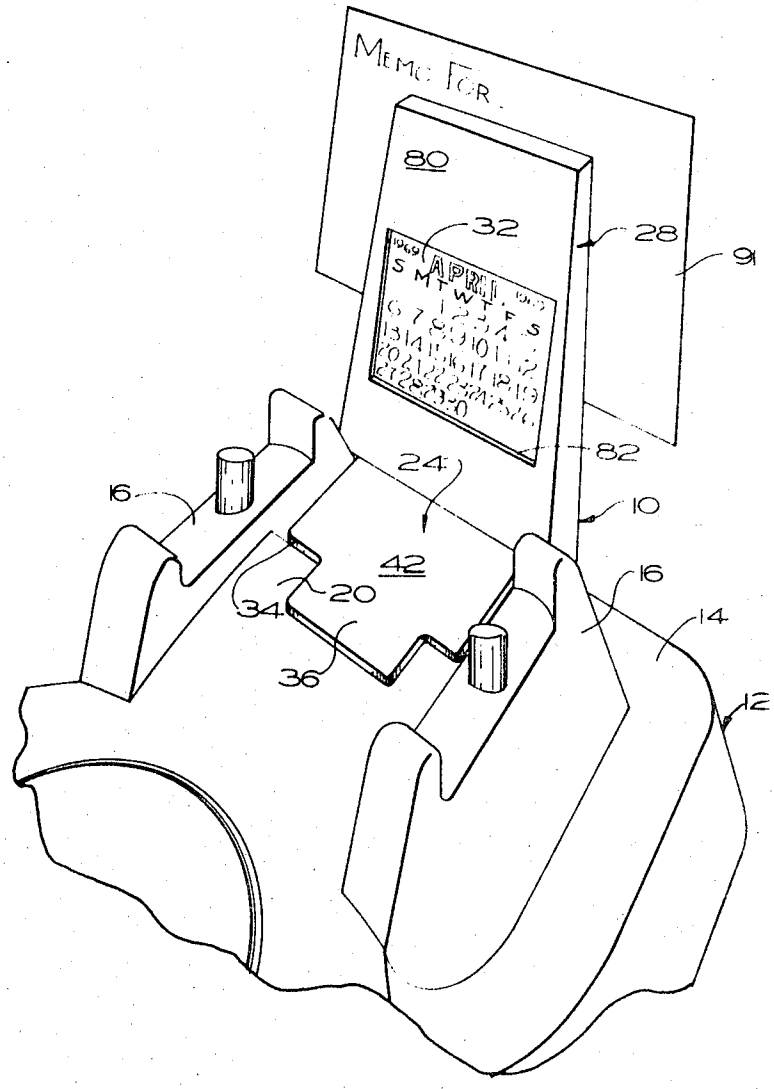


Fig. 1

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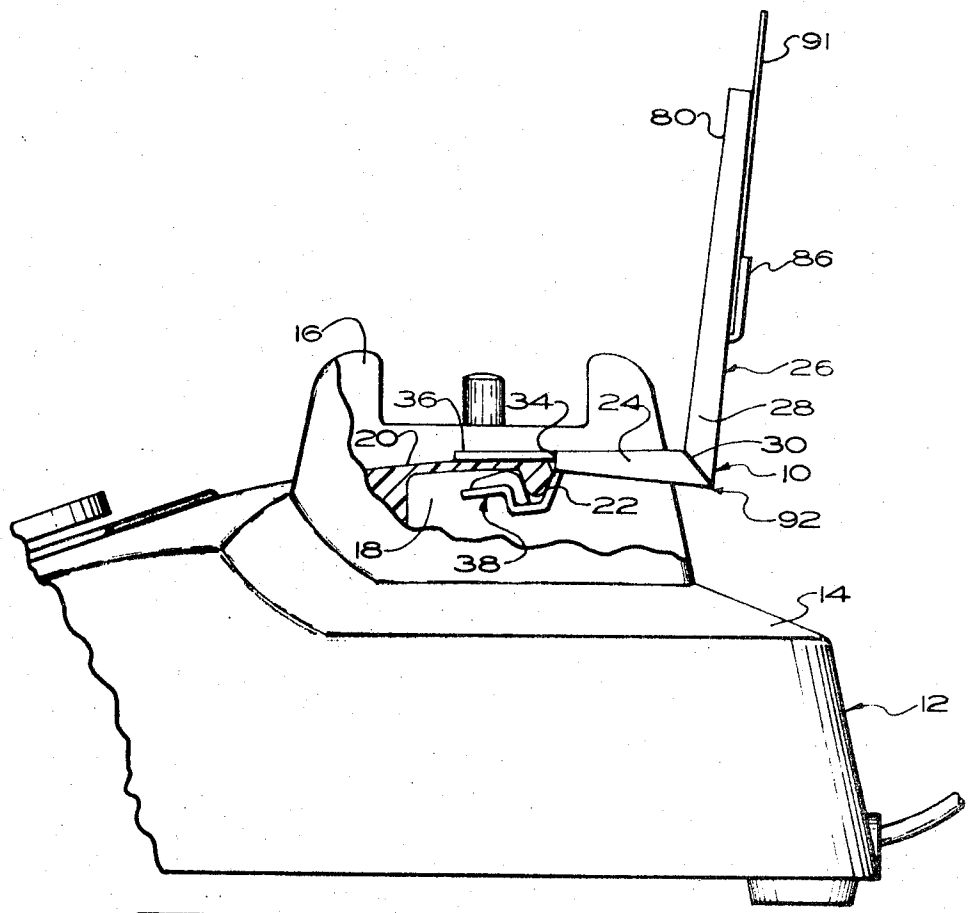


Fig-2

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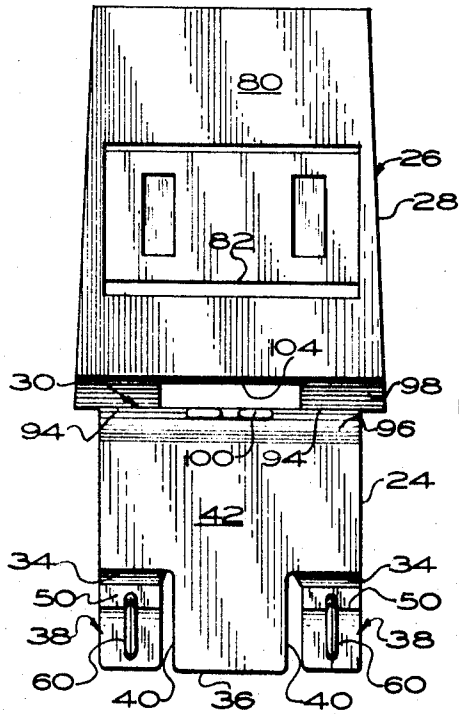


Fig-6

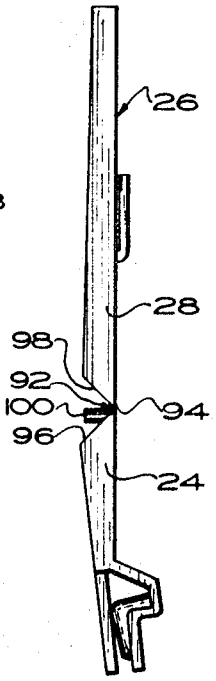
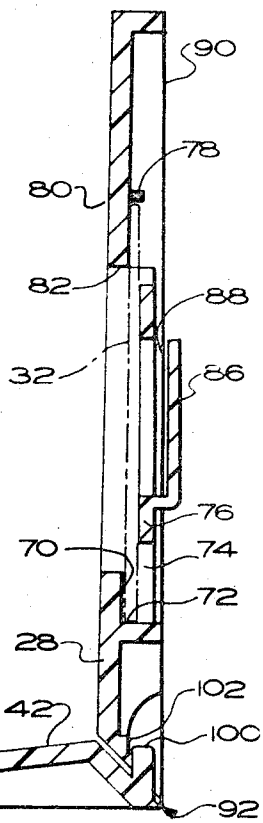


Fig-7



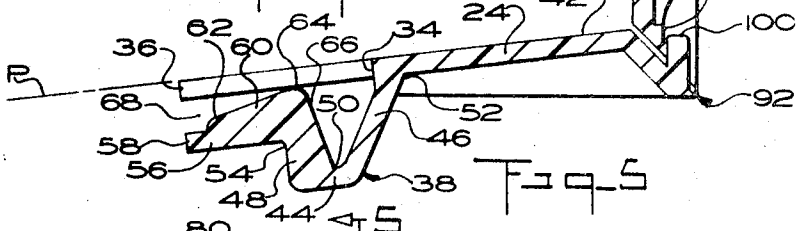


Fig-5

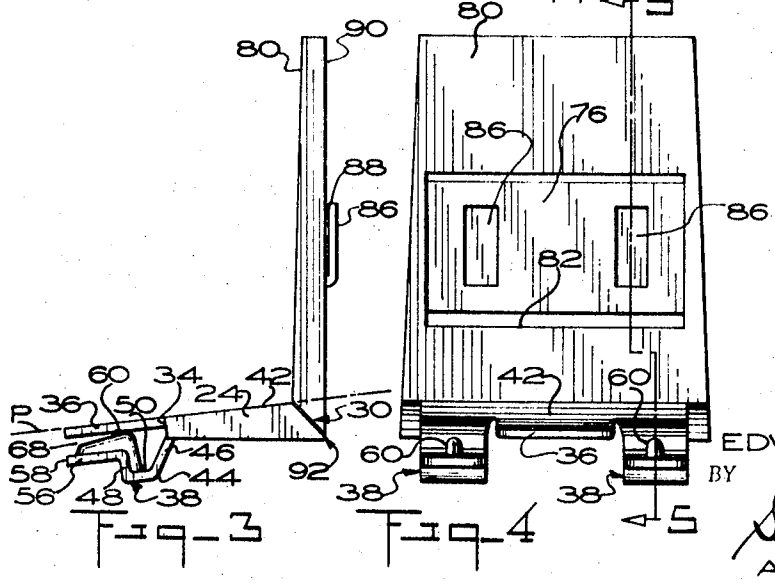


Fig-3

Fig-4

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CALENDAR ATTACHMENT FOR TELEPHONES

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Int. Cl. G09f 3/00
U.S. Cl. 40—336 10 Claims

ABSTRACT OF THE DISCLOSURE

A calendar attachment for telephones of the type having a housing which includes a finger-grip opening bounded by a wall having a bead at the edge of the opening, the calendar attachment including a base member which supports a calendar holder, a tongue projecting from the base member and a pair of fingers, one adjacent each side of the tongue, projecting from the base member in the same general direction as the tongue, each including a lateral depression and each being resiliently deflectable in a direction away from the tongue such that the wall of the housing may be engaged between the tongue and the fingers with the bead seated within the depression to lock the base member to the housing.

The present invention relates generally to a calendar attachment for telephones, and pertains, more specifically, to a calendar attachment which is readily affixed to telephones of the type having a housing including a finger-grip opening at least a portion of which is bounded by a wall having a bead thereon adjacent the mouth of the opening.

Calendars, and especially calendar holders, have become extremely popular as advertising premiums which are distributed by individuals, firms or companies and the like to customers and friends. These calendar holders, aside from carrying calendars, serve as vehicles for advertising literature. One such holder which has become popular in recent years is the calendar attachment designed to be used in connection with a telephone. In view of the popularity of such devices, it would be advantageous to have available a calendar attachment which is simple and inexpensive to manufacture, is easily distributed through the mails, and which is easily attached to a telephone for effectively displaying advertising literature, as well as a calendar, in a convenient and conspicuous location.

It is therefore an important object of the invention to provide a calendar attachment which is readily attached to telephones of the most common type found in homes and offices.

Another object of the invention is to provide a calendar attachment for telephones which is easily and positively secured to a telephone housing in a convenient but conspicuous location.

Another object of the invention is to provide a calendar attachment having adequate, conspicuous surfaces for carrying advertising literature.

Still another object of the invention is to provide a calendar attachment which may be packaged in a flat configuration for ease in mailing or distribution by other means and which may readily be erected for use.

A further object of the invention is to provide a calendar attachment which also serves as a note holder for holding memos, notes or reminders in a convenient and conspicuous location.

A still further object of the invention is to provide a calendar attachment which is of unitary construction and which may be fabricated in large quantities at minimum expense.

The above objects as well as further objects and advantages are attained by the invention which may be described briefly as a calendar attachment for telephones of the type having a housing which includes a finger-grip opening, at least a portion of which is bounded by a wall, and a bead on the wall and extending along at least a portion of the periphery of the mouth of the opening, the calendar attachment comprising a base member, a calendar-supporting structure integral with the base member, at least one tongue integral with the base member and projecting from one edge thereof, at least one finger integral with the base member and projecting from the one edge thereof to a free outer extremity and extending in the same direction as the tongue, the finger being resiliently deflectable in a direction generally perpendicular to the direction in which the finger extends and including a lateral depression between the one edge of the base member and the outer extremity of the finger such that upon engagement of the wall between the tongue and the finger, the extremity of the finger will be deflected over the bead until the bead is seated within the depression to lock the base member to the housing.

The invention will be more fully understood, and still further objects and advantages thereof will become apparent, in the following detailed description of an embodiment of the invention illustrated in the accompanying drawing, in which:

FIGURE 1 is a perspective view illustrating a calendar attachment constructed in accordance with the invention attached to a telephone;

FIGURE 2 is a side elevational view, partially sectioned, showing the calendar attachment affixed to a telephone;

FIGURE 3 is a side elevational ivew of the calendar attachment in an erected configuration;

FIGURE 4 is a front elevational view of the calendar attachment in an erected configuration;

FIGURE 5 is an enlarged cross-sectional view taken along line 5—5 of FIGURE 4;

FIGURE 6 is a plan view of the calendar attachment in a flat configuration; and

FIGURE 7 is a side elevation view of the calendar attachment in the flat configuration.

Referring now to the drawing, and especially to FIGURES 1 and 2, a calendar attachment **10** constructed in accordance with the invention is shown attached to a telephone **12**. The telephone **12** is of the type having a housing **14** which includes a pair of brackets **16** comprising a carriage for supporting the telephone hand-piece (not shown). Located between the brackets **16** of the housing **14** is a finger-grip opening **18** ordinarily provided as a convenient means for gripping and lifting the telephone. The finger-grip opening **18** is bound at the top by a wall **20** which includes a bead **22** extending across the opening **18** at the mouth thereof.

The calendar attachment **10** has a base member **24** and an integral calendar-supporting structure **26** which includes a frame member **28** extending upwardly from one edge **30** of the base member **24** and carrying a calendar **32**. Projecting from the opposite edge **34** of the base member **24** is an integral tongue **36** which projects from a first portion of edge **34** and, as best seen in FIGURES 3 and 4, a pair of integral fingers **38** located adjacent each side **40** of the tongue and projecting from second portions of edge **34**. The tongue **36** is coextensive with a plane P in which the upper surface **42** of the base member **24** lies. While the fingers **38** extend in the same general direction as the tongue **36**, that is, generally parallel to the plane P, the fingers are located below the plane P.

Each of the fingers **38** includes a U-shaped portion **44** having a pair of vertically oriented legs **46** and **48** and

forming a lateral depression 50. Each leg 46 is integral at its upper end 52 with the edge 34 of the base member 24 while each leg 48 is integral at its upper end 54 with a further portion 56 of the finger, which portion 56 projects from the leg 48 to the extremity 58 of the finger 38. Each finger 38 is provided with a cam portion 60 including a surface 62 inclined at an angle to the plane P, the surface 62 being spaced further from the plane P at locations near the extremity 58 of the finger 38, gradually rising to a peak 64 adjacent to the U-shaped portion 44 and then falling rapidly at 66 into the depression 50 of the U-shaped portion.

The fingers 38 are resiliently deflectable in a downward direction away from the plane P of the tongue 36. Thus, the calendar attachment 10 may be attached to the telephone housing 14 by placing the opening 68, which lies between the tongue 36 and the fingers 38, against the bead 22 at the opening 18 of the finger-grip portion of the housing 14 and then forcing the base member 24 to the left, as viewed in FIGURE 2, so that the cam portions 60 will deflect the fingers 38 downwardly and the fingers will gradually pass over the bead 22 to engage the wall 20 such that the wall 20 is held between the tongue and the fingers and the bead is seated within the depressions 50 in the fingers to lock the base member in place upon the housing as illustrated in FIGURE 2. When it is desired to release the base member 24 from the housing 14, the procedure is merely reversed. Thus, the base member may be pulled to the right, as viewed in FIGURE 2, to release the bead 22 from the depresisons 50 and thereby release the calendar attachment 10 from the telephone 12.

As best seen in FIGURES 3, 4 and 5, the calendar 32 itself is supported in the frame member 28 by means of a pocket 70 which includes a horizontal shelf 72, a vertical wall 74 at each side of the shelf and a cross member 76 bridging the vertical walls 74 behind the calendar 32. The calendar 32 is retained in place by small pins 78 projecting above the calendar 32 and may be selectively removed from the frame member 28 from behind by lifting the calendar over the small pins 78.

The front face 80 of the frame member 28 includes a window opening 82 through which the calendar 32 is viewed. The surface areas of the front face 80 of the frame member 28 which lie beyond the window opening 82 are available for the display of advertising literature. Likewise, the surface area of the upper surface 42 of the base member 24 is available for the display of advertising literature which may be printed thereon.

A pair of clip members 86 are integral with the cross member 76 and extend behind the frame member 28 to provide a slot 88 between the clip members 86 and the rear face 90 of the frame member 28. As best seen in FIGURES 1 and 2, a memo or note 91 may be placed within the slots 88 to bring to the attention of the user of the telephone various messages or reminders.

Calendar attachment 10 is advantageously fabricated in an unitary structure of plastic material, one such material being polypropylene. Other suitble plastic materials will become apparent to those skilled in the art of materials. As best seen in FIGURES 5, 6 and 7, the use of such materials as polypropylene enables the base member 24 to be connected to the frame member 28 by means of an integral plastic hinge 92 which includes thin sections 94 interconnecting the base member 24 and the frame member 28. These thin sections 94 permit the plastic material to be bent or folded along the line defined by the thin sections. The base member 24 is beveled along surface 96 and the frame member 28 is likewise beveled along a corresponding surface 98 so that the frame member may be pivoted from a first position wherein the frame member 28 and the base member 24 lie flat and generally coextensive (as in FIGURES 6 and 7) and a second position wherein the frame member 28 is erect and projects vertically upwardly generally perpendicular to the first position (as seen in FIGURE 5). Projecting upwardly from the beveled surface 96 is a detent projection 100 which is located in a position to engage a detent shelf 102 running along a slot 104 in the corresponding beveled surface 98 of the frame member 28 to lock the frame member in the erect position. Thus, the calendar attachment 10 may be packaged and mailed or otherwise shipped or distributed in a convenient flat configuration and is readily erected for use.

It will be readily apparent from FIGURES 5 through 7, that the calendar attachment 10 is easily molded in one piece in a relatively simple mold and can therefore be fabricated in large numbers at an economically low cost.

It is to be understood that the above detailed description of an embodiment of the invention is provided by way of example only. Various details of design and construction may be modified without departing from the true spirit and scope of the invention.

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A calendar attachment for telephones of the type having a housing including a finger-grip opening at least a portion of which is bounded by a wall, and a bead on said wall and extending along at least a portion of the periphery of the mouth of the opening, the calendar attachment comprising:
   - a base member;
   - a calendar-supporting structure integral with the base member;
   - at least one tongue integral with the base member and projecting from a first portion of one edge thereof, said tongue having opposite sides; and
   - at least one finger integral with the base member and projecting from a second portion of said one edge thereof to a free outer extremity and extending in the same direction as said tongue, said second portion being located sideways beyond one of said sides of said tongue, said finger being resiliently deflectable in a direction generally perpendicular to the direction in which the finger extends and including a lateral depression between said one edge of the base member and the outer extremity of the finger such that upon engagement of the wall between the tongue and the finger, the extremity of the finger will be deflected laterally until the bead is seated within the depression to lock the base member to the housing.

2. The calendar attachment of claim 1 wherein:
   - the tongue extends in a plane containing at least a part of the base member;
   - a finger projects from the base member at each side of the tongue and extends parallel to said plane; and
   - each finger is deflectable away from said plane to receive the wall and bead between the fingers and the tongue.

3. The calendar attachment of claim 2 wherein each finger includes an integral cam portion having a surface inclined at an angle to the direction of the extent of the finger for engaging the bead to deflect the finger as the wall is inserted between the tongue and the finger and facilitate such insertion and the seating of the bead within the depression.

4. The calendar attachment of claim 2 wherein each finger includes:
   - a U-shaped portion including legs extending generally perpendicular to said plane to form said depression, one of said legs being integral with the base member;
   - a further portion projecting from the other of said legs and extending to the extremity of the finger, said further portion being spaced from the tongue; and
   - a cam portion including a surface inclined at an angle to said plane, said surface being spaced further from said plane at locations nearer the extremity of the finger for engaging the bead to deflect the finger as the wall is inserted between the tongue and the fingers

and facilitate such insertion and the seating of the bead within the U-shaped portion.

5. The calendar attachment of claim 4 wherein the base portion, tongue and each finger comprise a unitary structure of resilient plastic material.

6. The calendar attachment of claim 2 wherein the calendar-supporting structure projects from an edge of the base member opposite to the edge from which the tongue and fingers project and extends in a direction generally perpendicular to the plane containing said portion of the base member.

7. The calendar attachment of claim 2 including:

means for connecting the calendar-supporting structure to the base member for pivotal movement between a first position wherein the calendar-supporting structure lies generally coextensive with the plane of the base member to a second position wherein the calendar-supporting structure projects in a direction generally perpendicular to said plane; and

means for locking the calendar-supporting structure in said second position.

8. The calendar attachment of claim 7 wherein the calendar-supporting structure and the base member comprise a unitary structure of plastic material, and said

means which connects the calendar-supporting structure and the base member includes an integral plastic hinge.

9. The calendar attachment of claim 8 wherein the calendar-supporting structure includes:

a front face and a rear face;

a calendar holder for holding and displaying a calendar visible at the front face; and

a clip integral with the calendar-supporting structure for holding a note against the rear face.

10. The calendar attachment of claim 1 wherein the base portion, tongue and each finger comprise a unitary structure of resilient plastic material.

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40—120