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ANIMAL SIMULATING ATTACHMENT FOR VELOCIPEDE HANDLEBARS

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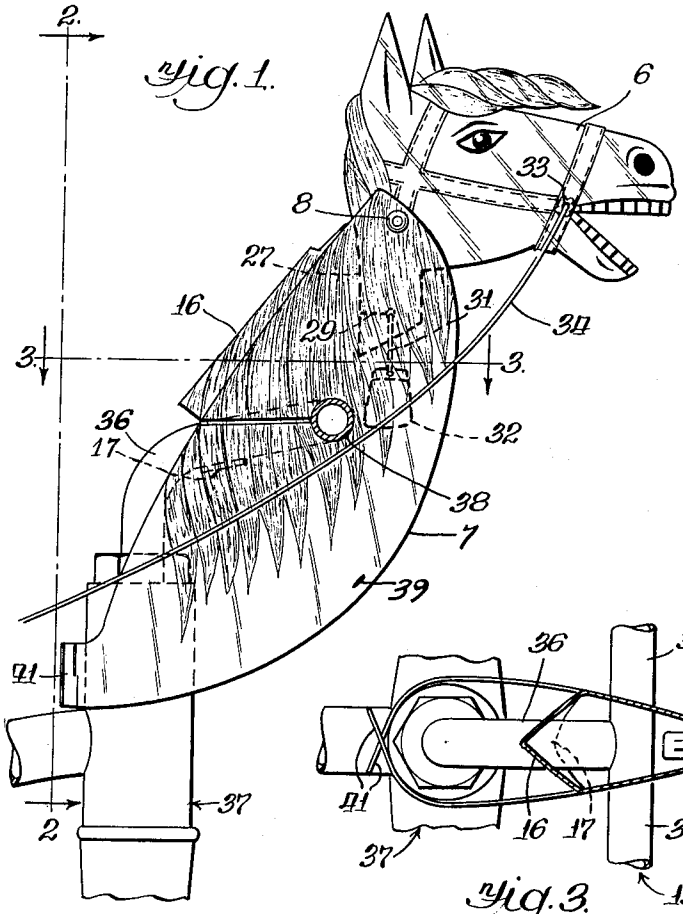


Fig. 1.

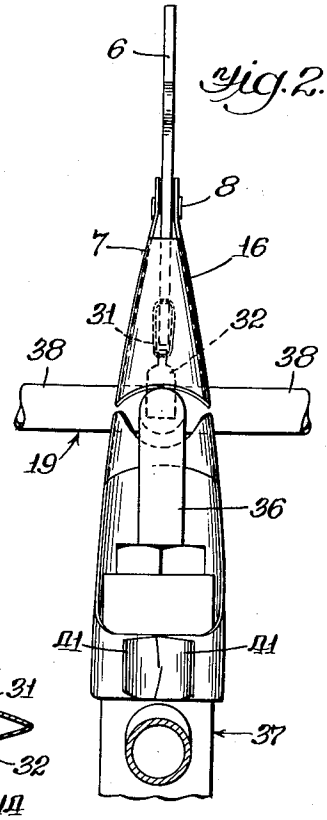


Fig. 2.

Fig. 3.

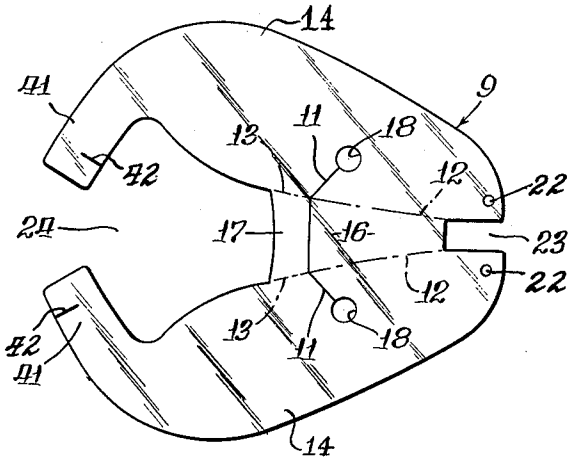


Fig. 5.

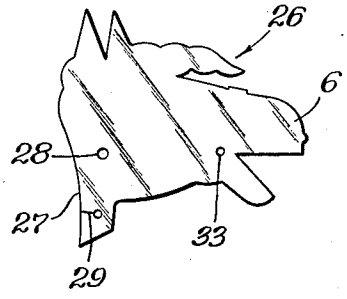


Fig. 4.

INVENTORS.
Leo J. Kelly, Sr.
Leo J. Kelly, Jr.
By Gary, Desmond & Parker
Attys.

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ANIMAL SIMULATING ATTACHMENT FOR VELOCIPEDE HANDLEBARS

Leo J. Keily, Sr., and Leo J. Keily, Jr., Chicago, Ill.

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6 Claims. (Cl. 280—1.202)

This invention relates to an attachment for tricycles, bicycles, and the like, and is more particularly concerned with the provision of a device adapted to be mounted upon the handle bars of bicycles or tricycles to amuse children.

Briefly, the present invention comprises a velocipede attachment simulating the appearance of an animal, such as a horse, having a head portion supported for pivotal rocking movement on a body portion during operation of the velocipede.

An object of the invention resides in the provision of an attachment adapted to be detachably mounted upon the handle bars of velocipedes.

Another object of the invention resides in the provision of a velocipede attachment simulating the appearance of an animal and embodying relatively movable parts adapted to be actuated during movement of the velocipede.

A further object of the invention resides in the provision of a velocipede attachment in which a head portion is pivotally mounted on a body portion, the head portion being manually movable in various directions and then returned to its normal position by means of a counterweight suspended therefrom.

Another object of the invention is to provide a velocipede attachment adapted to be formed of flexible sheet material, such as fiberboard, plastic, cardboard or the like, blanked, formed and printed to form an attractive, inexpensive structure.

Another object of the invention resides in the provision of a velocipede attachment having a body portion formed for detachable engagement with the handle bars of velocipedes.

This invention embodies other novel features, details of construction and arrangement of parts which are hereinafter set forth in the specification and claims, and illustrated in the accompanying drawing, wherein:

Fig. 1 is a side elevational view illustrating a velocipede attachment embodying features of the present invention.

Fig. 2 is a sectional view taken along the line 2—2 of Fig. 1.

Fig. 3 is a sectional view taken along the line 3—3 of Fig. 1.

Fig. 4 is a plan view illustrating the blank forming the head portion of the device.

Fig. 5 is a plan view illustrating the blank as cut and scored to form the body portion of the device.

Referring now to the drawing for a better understanding of the invention, the velocipede attachment is shown as comprising a head 6 mounted for pivotal movement on a body 7 by means of a suitable pivot member 8, such as a bolt or rivet.

The body 7 is preferably formed from a blank 9 of flexible sheet material, such as fiberboard, cut transversely at 11 and scored longitudinally at 12—12 and 13—13 to provide side sections 14—14 hingedly connected to opposite sides of upper and lower web sections 16 and 17, respectively.

The side sections 14—14 of the blank are formed with apertures 18—18 equidistantly spaced from the major axis of the blank and of suitable size and shape to snugly receive a handle bar 19 of a velocipede 21. Apertures 22—22 are formed in the upper ends of the side sections 14—14 to receive the pivot member 8. Opposite ends of the blank 9 are formed with upper and lower recesses 23 and 24, respectively. Tabs 41—41 formed with slots 42—42 are provided on adjacent ends of the side sections 14—14.

The head 6 is preferably formed from a blank 26 of relatively stiff flat sheet material, such as fiberboard, having the configuration of the head of an animal, such as a horse, the blank having a neck portion 27 formed with an aperture 28 to receive the pivot member 8. The lower end of the neck portion, below the aperture 28, is formed with a slit 29 to receive a loop of string, rubber band, or the like, 31 having a counterweight 32 mounted thereon.

In assembly of the head 6 and body 7, the side sections 14—14 are folded toward each other along the score lines 12—12 and 13—13. The neck portion 27 of the head 6 is then interposed between the side sections 14—14 with the aperture 28 therein disposed in registry with the apertures 22—22 to receive the pivot member 8. If desired, the head 6 may be formed with an aperture 33 to receive a loop of string 34 to serve as a rein for engagement by one hand of a child when the attachment is mounted upon the velocipede.

In mounting the attachment upon the handle bar 19, the arms 38—38 of the handle bar are inserted through the transverse cut 11 into fixed position within their respective apertures 18—18, with the upper and lower web sections 16 and 17 engaging opposite sides of the support arm 36. The tabs 41—41 are then connected to each other adjacent the back side of the bearing post 37 by means of the slots 42—42 formed in the tabs. The free edges of the side sections 14—14 may then, if desired, be interconnected by fastening means 39, such as adhesive tape, staples or the like.

During operation of a velocipede having the attachment mounted thereon, it will be noted that swinging movement of the counterweight 32 will cause the head 6 to rock about the pivot member 8 to thus provide an animated structure capable of amusing a child. It will also be noted that the attachment is adapted to be inexpensively constructed from sheet fiberboard suitably cut and printed to simulate the appearance of an animal, such as a horse. It will further be noted that the attachment is adapted to be readily mounted upon the handle bars of various types of vehicles, such as tricycles, bicycles, scooters, toddlers, etc. and secured thereto by the means such as those provided on the body 7.

While this invention has been shown in but one form, it is obvious to those skilled in the art that it is not so limited, but is susceptible of various changes and modifications without departing from the spirit and scope of the claimed invention.

We claim as our invention:

1. In a velocipede attachment, a body of flexible sheet material having a transverse slit and spaced scores terminating at longitudinally spaced recesses to provide side sections hingedly connected to opposite sides of upper and lower web sections along said scores, a head of flat sheet material having a neck portion disposed between said side sections, a pivot member extending through aligned apertures in said neck portion and side sections, a counterweight provided on said neck portion below said pivot member to normally maintain said head in upright position, aligned handle bar apertures in said side sections, said transverse slit extending between said upper and lower web sections and terminating at said handle bar

apertures for the passage of handle bars therethrough into the apertures during mounting of the attachment on a velocipede.

2. In a velocipede attachment, a body of flexible sheet material having a transverse slit and spaced scores terminating at longitudinally spaced recesses to provide side sections hingedly connected to opposite sides of upper and lower web sections along said scores, a head of flat sheet material having a neck portion disposed between said side sections, a pivot member extending through aligned apertures in said neck portion and side sections, a counterweight provided on said neck portion below said pivot member to normally maintain said head in upright position, aligned handle bar apertures in said side sections, said transverse slit extending between said upper and lower web sections and terminating at said handle bar apertures for the passage of handle bars therethrough into the apertures during mounting of the attachment on a velocipede, said web sections being formed and arranged to engage opposite sides of a support arm of a velocipede when the handle bar supported thereon is engaged within said handle bar apertures.

3. In a velocipede attachment, a body of flexible sheet material having a transverse slit and spaced scores terminating at longitudinally spaced recesses to provide side sections hingedly connected to opposite sides of upper and lower web sections along said scores, a head of flat sheet material having a neck portion disposed between said side sections, a pivot member extending through aligned apertures in said neck portion and side sections, a counterweight provided on said neck portion below said pivot member to normally maintain said head in upright position, aligned handle bar apertures in said side sections, said transverse slit extending between said upper and lower web sections and terminating at said handle bar apertures for the passage of handle bars therethrough into the apertures during mounting of the attachment on a velocipede, said web sections being formed and arranged to engage opposite sides of a support arm of a velocipede when the handle bar thereon is engaged within said handle bar apertures, said web sections being spaced from the upper and lower ends of said side sections.

4. In a velocipede attachment, a body of flexible sheet material having a transverse slit and spaced scores terminating at longitudinally spaced recesses to provide side sections hingedly connected to opposite sides of upper and lower web sections along said scores, a head of flat sheet material having a neck portion disposed between said side sections, a pivot member extending through aligned apertures in said neck portion and side sections, a counterweight provided on said neck portion below said pivot member to normally maintain said head in upright position, aligned handle bar apertures in said side sections, said transverse slit extending between said upper and lower web sections and terminating at said handle bar apertures for the passage of handle bars therethrough into the apertures during mounting of the attachment on a velocipede, said web sections being formed and arranged to straddle the handle bar support arm of a velocipede when the handle bar is engaged within said handle bar apertures, said web sections being spaced between the upper and lower ends of said side sections, means securing the front free edges of said side sections together, and a rein connected to said head.

5. In a velocipede attachment, a body of flexible sheet material having side sections interconnected by upper and lower web sections, said side sections having aligned handle bar apertures and having slits extending from between said web sections and terminating at their respective handle bar apertures, and a head having a neck portion disposed between and pivotally mounted on said side sections.

6. In a velocipede attachment, a body of flexible sheet material having side sections interconnected by upper and lower web sections, said side sections having aligned handle bar apertures and having slits extending from between said web sections and terminating at their respective handle bar apertures, and a head having a neck portion disposed between and pivotally mounted on said side sections, said side sections extending above and below said web sections, a tab provided on the lower end of each side section, and means to connect said tabs to each other.

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