May 19, 1931. M. M. STUDEBAKER 1,806,578

HATRACK

Filed Jan. 25, 1929

FIG. 1.

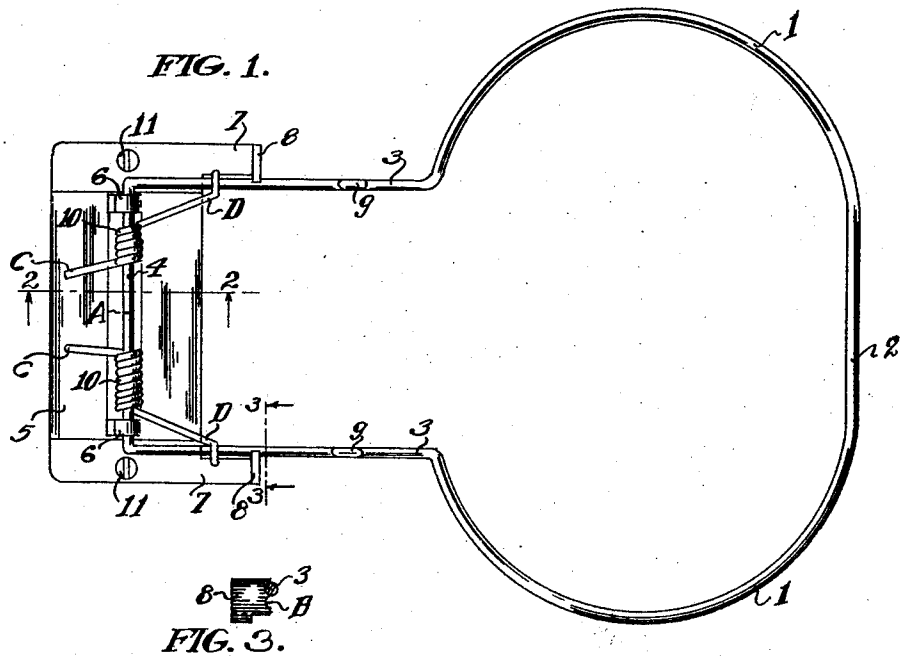


FIG. 3.

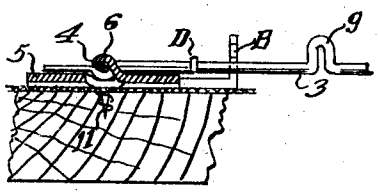


FIG. 2.

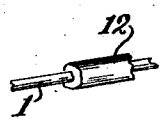


FIG. 5.

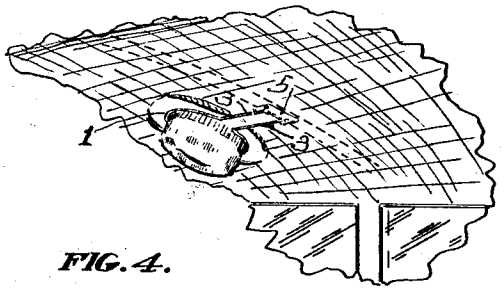


FIG. 4.

INVENTOR.
MARION M. STUDEBAKER.
BY
U. G. Charles
ATTORNEY.

Patented May 19, 1931 1,806,578

UNITED STATES PATENT OFFICE

MARION M. STUDEBAKER, OF TOPEKA, KANSAS

HATRACK

Application filed January 25, 1929. Serial No. 334,979.

My invention relates to a hat holder.

The object of my invention is to provide a hat holder to be placed on the ceiling of the body of an automobile.

A further object of my invention is to provide a hat holder that will encompass the crown portion of the hat holding it securely and without marring the same.

A still further object of my invention is to provide a spring tensioning means for the loop portion of the holder to bind the hat firmly against the supporting means to which it is attached.

A still further object of my invention is to provide permanent catches for the looped portion whereby reciprocations of the loop that would otherwise be occasioned by the rocking or jarring movement of the automobile will be eliminated.

A still further object of my invention is to provide a hat holder that the loop portion is elliptic in shape conforming to the shape of the crown.

A still further object of my invention is to provide an inexpensive hat holder as an article of manufacture.

A still further object of my invention is to provide a rubber or fabric covering for the wire which is preferable in the event of supporting a very light colored hat to prevent discoloration by the metal.

These and other objects will hereinafter be more fully explained, reference being had to the accompanying drawings forming a part of this specification and in which:

Fig. 1 is a plan view of the hat holder.

Fig. 2 is a sectional view taken on line 2—2 in Fig. 1, showing a portion of the body to which it is attached.

Fig. 3 is a sectional view taken on line 3—3 in Fig. 1 looking in the direction of the arrows.

Fig. 4 is a perspective view showing the holder applied to the ceiling of an automobile, parts broken away for convenience of illustration.

Fig. 5 is a view showing a fragmentary portion of the loop having a covering of rubber or other fabric.

The mechanism herein disclosed consists of a wire member made from a single piece and having a looped member as at 1 and being elliptical in form or consisting of two arcuated portions separated and tangentially connected by a straight portion 2. Oppositely positioned from the straight portion and outwardly extending from the looped members are the free ends of the structure in parallelism as at 3 and functioning as arms for the loop and the outer end portions thereof having a right angle bend toward each other as at 4 so that the extreme end portions are in close proximity as shown at A. The said right angle portions being in axial alignment function as a pivot on which the loop portion will swing as a hanging means for the holder. A plate 5 is provided and has a pair of tongues 6 cut therefrom by which means a bearing is formed for each of the said right angle portions. The said tongues being spaced apart and in close proximity to their respective ends of the plate and looped around the right angle portions respectively. Outwardly extending from the two inner corners of the plate are leg portions 7, the outer ends thereof being bent at right angles as at 8 and having on the inner edges of each a plurality of corrugations B functioning as seats for the member portions 3 of the loop by which means the said looped portion is firmly supported when compressed to position on the hat. Integrally connected to each of the said leg members is a stop member 8′ by which means the arms are restricted in their movement toward each other when being detached from their respective corrugations, the said movement being shown by dotted lines E.

Positioned in each of the portions 3 that are in parallelism is a loop 9 outwardly extending and functioning as gripping means to spring the said parallel portions toward each other as detaching means from the corrugations in their respective right angle positioned members 8, at which time the said loop is free to be rocked outward from the body to which the structure is attached and in position for removal or placing a hat.

As a means to cause the loop portion to firmly engage with the structure to which the plate is attached I have provided a pair

of springs 10—10, the said springs being coiled about the end portion 4 as shown in Fig. 1, one end of the springs bearing upon the plate as at C—C, while the opposite end is looped around the opposite parallel portions as at D—D and rockable therewith.

It will be understood that the said plate 5 is securely attached to a supporting means by screws shown at 11 and the same may be attached to an automobile as heretofore stated or may be attached to the side walls of a closet or to the back of a seat; and while I have described the structure as being made of wire, it will be understood that the wire shall be treated with nickel plating to obviate discoloring a white hat, furthermore the said wire may be inclosed by a rubber tubing 12 as shown in Fig. 5 and in the event of the latter the looped portions 9 will not be abruptly arranged as shown. Such other modifications may be employed as lie within the scope of the appended claims. Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a hat holder, a looped element made from a single piece of wire, the said element having both of its end portions bent outward and having a pivotal means on the outer ends of last said end portions, a plate having a pair of tongue members cut therefrom but integrally connected at one end of each so that the free ends may loop around the pivotal means on the loop, a pair of arm members and means to attach the plate to a support, the arm members being integrally connected to and extending from the plate from adjacent corners thereof respectively and having a right angle bend for each, the right angle bent portion having a plurality of corrugations on the inner edges of each and in which the end portions of the loop will seat as attaching means against retraction of the loop element, a pair of springs coiled about its respective pivotal means of the loop and having one end to engage on the plate and the other end to looped engagement with the outwardly bent portions of the first said loop, gripping means on each of the outwardly bent portions to spring said portions toward each other as disengaging means from the corrugations in the arm portions of the plate.

2. In a hat holder, a plate member and a wire loop element pivoted thereon, said plate member having arm members integrally connected therewith and extending laterally therefrom, the outer portion of the arm members bent at right angles, the bent portions having notches on their inside edges as positioning means for the said wire loop element.

In testimony whereof I affix my signature.

MARION M. STUDEBAKER.