April 21, 1931. L. R. PAUL 1,802,064

HAT PROTECTOR

Filed July 19, 1928

Fig. 1.

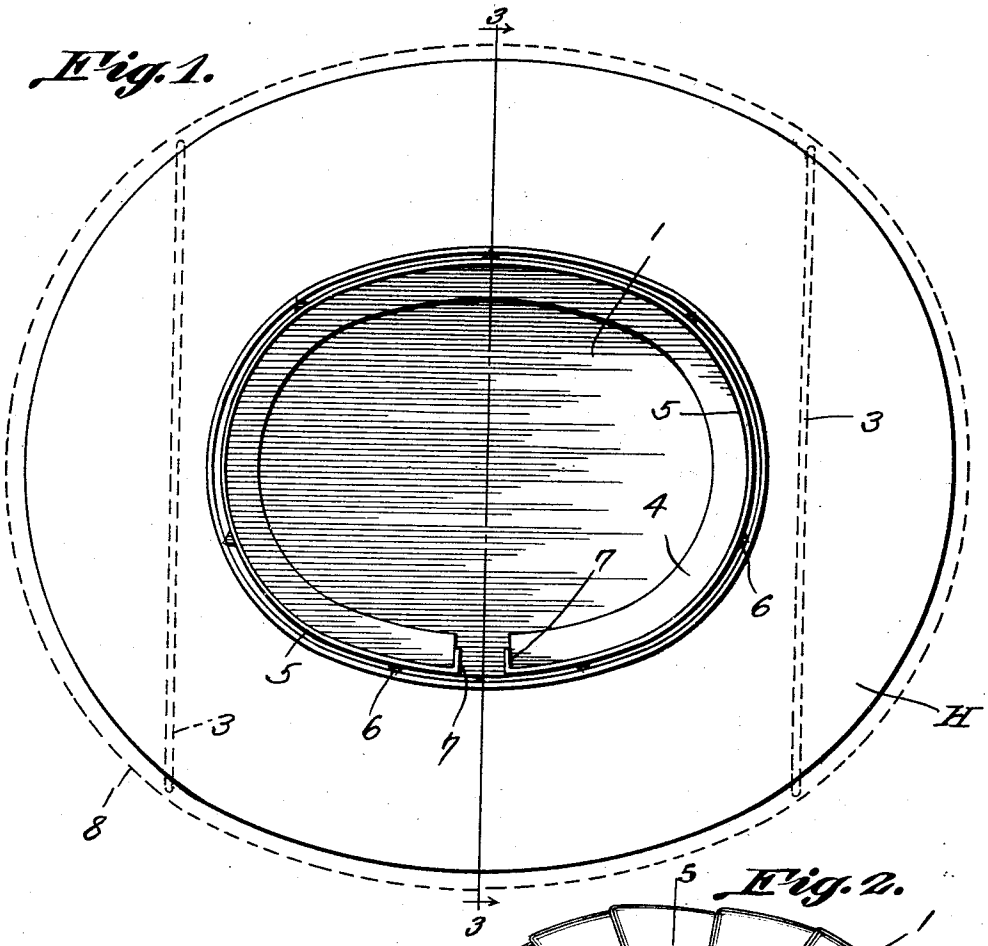


Fig. 2.

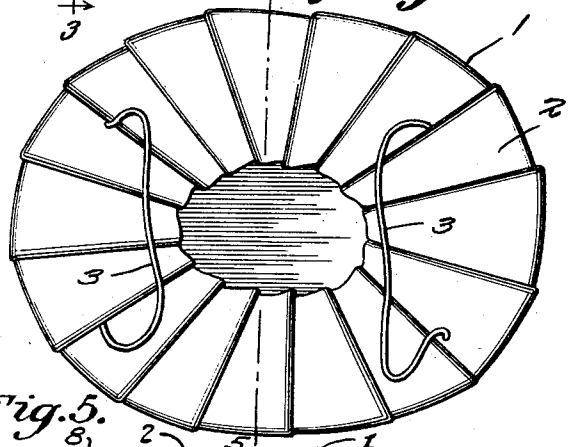


Fig. 3.

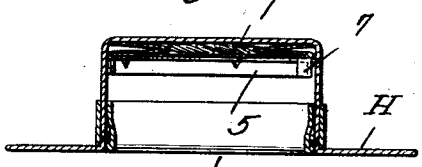


Fig. 4.

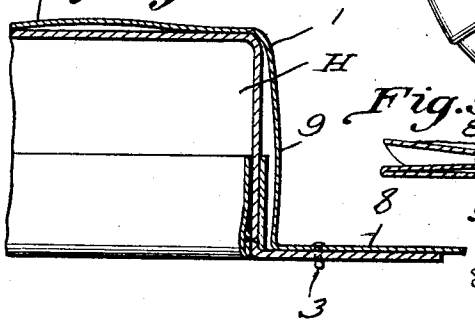
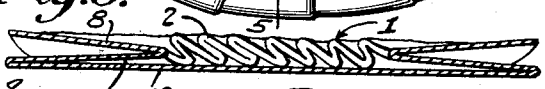


Fig. 5.



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Patented Apr. 21, 1931 1,802,064

UNITED STATES PATENT OFFICE

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HAT PROTECTOR

Application filed July 19, 1928. Serial No. 293,962.

This invention relates to a protector designed primarily for use in connection with straw hats although it can be used equally as well with other types of hats.

It is an object of the invention to provide a protector in the form of a collapsible or foldable cover adapted normally to be worn inside of the hat, means being provided for holding it firmly against the crown of the hat so that it will not render the hat less comfortable to wear.

A further object is to provide a cover which is light, can be cheaply manufactured, and can be readily placed in or removed from position within the hat.

With the foregoing and other objects in view which will appear as the description proceeds the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings,

Figure 1 is a bottom plan view of a hat having the present improvements housed therein, the position of the protector when in use being indicated by broken lines.

Figure 2 is a plan view of the protector in its folded condition removed from a hat and ready to be applied.

Figure 3 is a section on line 3—3, Figure 1, said section being on a greatly reduced scale and showing the position of the protector within the hat.

Figure 4 is a section through a portion of a hat showing the protector in position on the outer surface thereof.

Figure 5 is a section on line 5—5, Figure 2.

Referring to the figures by characters of reference 1 designates a sheet of oiled paper, rubberized fabric or any other suitable material adapted to protect the hat from rain. This sheet of material is shaped to provide a crown portion 10, a continuous side portion 9, and rim portion 8. When it is desired to collapse the device the rim portion 8 is folded snugly against the outer surface of the side portion 9, it being necessary to pleat the rim portion to cause it to fit snugly against the side portion. The said side portion with the pleated rim portion resting thereagainst, is then folded inwardly against the crown portion, it being necessary in order to effect this operation, to pleat the side portion and also the previously pleated and folded rim portion. These relative positions of the parts have been shown in Figure 5. When thus folded the protector is so proportioned as to fit snugly within the hat against the crown thereof. Elastic cords 3 are connected to certain of the folds of the protector and are used for holding the protector to the hat as hereinafter explained.

For the purpose of holding the folded protector within the crown portion of the hat there is provided a split ring 4 of celluloid, spring wire, light resilient metal, or any other suitable material, the same being formed with a marginal flange 5 at its outer edge from which are struck short prongs 6. The ends of the flanges are inturned to provide finger pieces indicated at 7.

After the protector has been folded as shown in Figure 5 it is inserted into the hat with the folds bearing against the crown. Thereafter the split ring 4 is contracted by drawing the finger pieces 7 toward each other and is then inserted into the hat until it rests against the folded protector. The ring is then released whereupon it will spread so as to press firmly against the hat, causing the small prongs 6 to bite slightly thereinto. Thus the protector will be held securely in position at a point where it will not mar the comfort of the wearer.

When it is desired to protect a hat H in which the cover is located, the ring 4 is contracted and removed from the hat. It is thus possible to remove the protector which is unfolded, there being enough material in the folds to allow the same to extend outwardly to form a rim portion 8 extending from a continuous side portion 9 which is provided at the margin of the crown portion 10. After the cover has thus been unfolded it is slipped

on to the hat as shown in Figure 4, it being understood that the rim portion 8 will cover the rim of the hat and extend slightly therebeyond. The elastic cords are slipped under the rim of the hat as shown by broken lines in Figure 1 and in section in Figure 4 and the protector is thus held securely to the hat. After the protector has been removed the ring 4 can be reinserted into the hat.

What is claimed is:—

A hat protector formed in a single sheet of waterproof material including a crown portion, a continuous side portion integral therewith, a continuous outstanding rim portion integral with the side portion, and opposed elastics connected to the rim portion at opposite sides of the side portion for embracing the rim portion of a hat to hold the protector thereto, said side portion being adapted to fold inwardly to form an annular series of pleats lapping the crown portion, and said rim portion of the protector being foldable into an annular series of pleats lapping the pleats in the folding side portion, all portions of the folded side and rim portions overlying the crown portion, said crown portion constituting means for concealing the folded side and rim portions when the protector is inserted into a hat against the crown thereof, and a resilient split ring having a marginal clamping flange and normally spaced terminal finger pieces, said ring being contractible and insertable into a hat for engagement with the folded protector thereby to support it in the hat and against the crown portion of the hat.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

LEON R. PAUL.