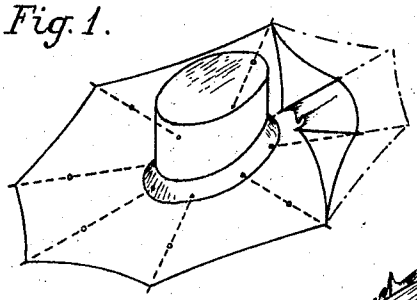
April 7, 1925. 1,532,310

E. FUNKE

HAT CONVERTIBLE INTO UMBRELLA

Filed Nov. 12, 1920

Fig. 1.



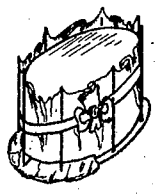


Fig. 2.

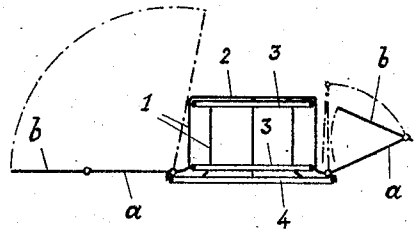
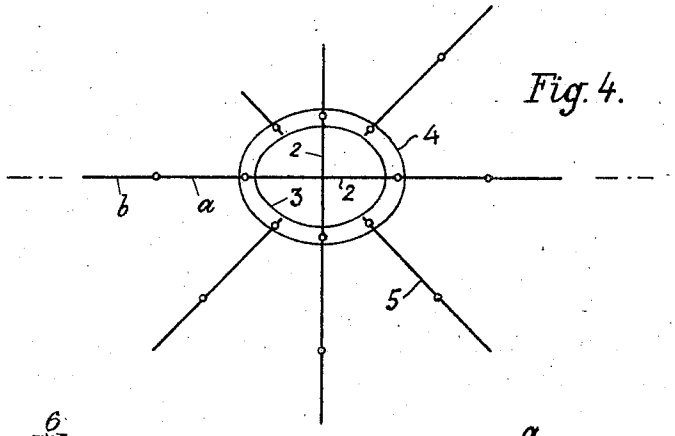


Fig. 3.

Fig. 4.



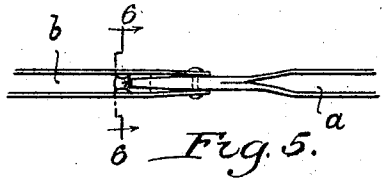


Fig. 5.

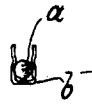


Fig. 6.

INVENTOR.

Elisabetha Funke

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Atty

Patented Apr. 7, 1925. 1,532,310

UNITED STATES PATENT OFFICE.

ELISABETHA FUNKE, OF ZURICH, SWITZERLAND.

HAT CONVERTIBLE INTO UMBRELLA.

Application filed November 12, 1920. Serial No. 423,527.

To all whom it may concern:

Be it known that I, ELISABETHA FUNKE, citizen of the German Empire, residing at Zurich, Switzerland, have invented new and useful Improvements in Hats Convertible Into Umbrellas, of which the following is a specification.

This invention has for its object a hat which can be transformed into an umbrella or parasol by unfolding the same, the shade surface being formed by an adjustable brim of the hat. This enables the device to be ready for use at any moment and instantaneously, as compared with other arrangements which have to be fixed on to the hat and taken off after use. As against other contrivances already known, in which a shade surface is carried by the upper rim of the crown of the hat, the arrangement according to the present invention enables the hat to maintain its character of a hat even in unfolded condition and to keep a surer hold on the head.

One embodiment of the invention is illustrated by way of example in the accompanying drawing which represents a lady's hat.

Fig. 1 shows the same with the brim partly turned up;

Fig. 2 in a condition entirely folded together;

Figs. 3 and 4 show the hat "shape" (frame),

Fig. 5 is a detail bottom plan view of one of the ribs; and,

Fig. 6 is a detail section of the same taken on the line 6—6 looking in the direction of the arrows shown in Figure 5.

The "shape" of the hat consists of a frame comprising three hoops 3 and 4 connected one to another by wires 1 and 2 and stiffened one against another, and rods 5 hinged to the wires 1 above the hoop 4. The rods 5 consist of two parts *a* and *b* hinged one to the other, which can be entirely folded together in the manner shown on the right of Fig. 3. The hinges between the parts *a* and *b* have such a form that part *b* cannot be opened outwards (see Fig. 5) beyond the stretched position (see left of Fig. 3). The hinged rods have a form like those of an umbrella. Fig. 5 shows the lower face of the hinged portion between *a* and *b*. Part *a* carries a ball-shaped head lodged in a groove which is provided in the flange of the channel-iron shaped portion *b* so as to act as spring, said portion *b* being thereby maintained and secured in the stretched position. Hoop 4 prevents the rod *a* from being opened beyond a certain position, for instance the horizontal one. Now, this frame is covered like an umbrella with foldable material and such material as is adapted to provide a suitable trimming for the hat. If opened entirely or even only halfway outwards, the hat protects from rain or sunshine; by folding it entirely together, one can give to the hat the form of a toque as in Fig. 2; the upright parts serve in this case as trimming and may be held together by a ribbon for instance. By folding inwards a few segments only which are maintained in their position in some way, or by putting up all rods 5 for their whole length (see left of Fig. 3, the dash and dot lines), one can also obtain another shape, in the latter case a pointed shape for instance.

Having described the nature of my invention, what I claim as new and desire to secure by Letters Patent of the United States is:—

1. A hat comprising a crown and a brim, said brim comprising a plurality of sections, foldable material covering said sections, hingedly fastened rods adapted to be turned in or outwards, and the hinges of said rods being so arranged that the turning movement takes place in planes substantially radial to the hat, substantially as and for the purpose specified.

2. A lady's hat of the character described comprising a frame consisting of a crown portion, said crown portion comprising an upper and lower rim, spacing rods connecting said rims, a brim comprising foldable rods pivotally connected to said spacing rods and foldable material covering said crown and foldable rods.

3. A hat which can be transformed into an umbrella or parasol by unfolding the same, the shade surface being formed by an

adjustable brim of the hat and this brim being formed by rods which are hinged to the lower rim of the hat, covered with a foldable material and movable outwards, each of said rods consisting of two parts hinged one to the other so as to enable the brim to be folded inwards twice and to be placed in upright position along the crown of the hat, for the purpose of reducing the shade surface and so as to give various shapes to the hat.

In testimony whereof I have hereunto set my hand.

ELISABETHA FUNKE.