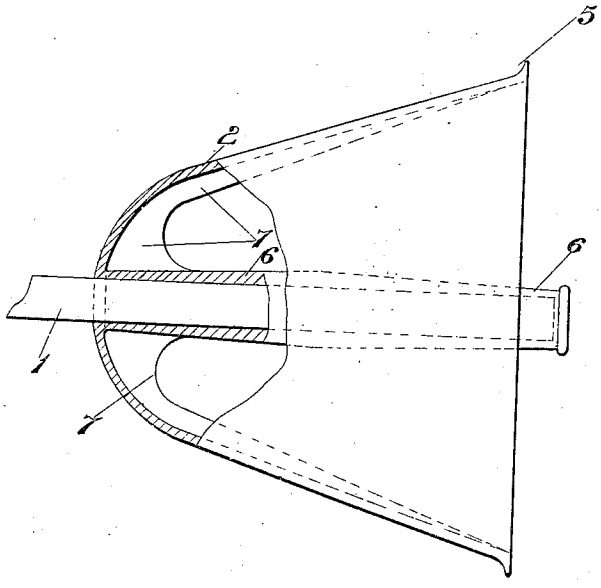
C. H. MAYER.

COMBINATION SHIELD AND GRIP.

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1,122,971.

Patented Dec. 29, 1914.



Witnesses:

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COMBINATION SHIELD AND GRIP.

1,122,971. Specification of Letters Patent. Patented Dec. 29, 1914.

Application filed December 10, 1913. Serial No. 805,761.

To all whom it may concern:

Be it known that I, CLARENCE H. MAYER, a citizen of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Combination Shields and Grips, of which the following is a specification.

My invention relates to an improvement in combination shields and grips, and has for its object to protect the hands of riders of motor cycles from rain, snow and cold; and further, to protect the grips of motor cycles and the like, from snow, and rain, so that they will be in readiness for use during inclement weather. These and other objects will appear from a description of the drawing accompanying this application, which is a side elevation partly in section, illustrating the shield with its integrally formed grip and radially extending ribs.

Referring to the drawing in detail, 1 represents the handle bar of a motor cycle, bicycle, or the like, each end portion of which is inclined rearwardly and adapted to be grasped by the hand.

During the manipulation of the machine the rider's hands are extended to the front and exposed to the cold winds, which are always met in cold weather, and to rain or snow during falling weather. To protect the hands from the effects of inclement weather I have provided a shield 2, which is bell-shaped in general outline, the open end of which is of a size to freely receive the hand, and its length conforms to the hand hold of the handle bar. The shield gradually converges from the outer open end, so as to loosely inclose the hand, terminating in a neatly rounded end portion, in the center of which is provided an aperture 3, through which is extended the hand hold 1^a of the handle bar 1.

Extending from the opening 3 parallel with the axis of shield 2 is an integrally formed tubular hand grip 6, which latter, has a longitudinal bore registering with the opening 3 formed in the shield. This arrangement produces a structure which is very rigid and substantial, and one which will readily withstand the effects of rough usage. To further reinforce the shield 2, a plurality of radial ribs 7 are also integrally formed therewith which begin near the inner end of the grip and extend into and merge with the body of the shield as clearly shown.

This shield is made preferably of rubber, but it may be made of leather, or other material which possesses the required strength and flexibility. It must also be sufficiently rigid that it will maintain its form under normal condition; and with this object in view I have provided about the open end a strengthening rib 5, which will allow the guard to yield in case of impact by the hand, so as to prevent injury to the latter; and which will resume its normal shape when stress thereon is removed.

By means of this device the hand may always be protected from the wind and rain and snow, which always come from the direction of the closed end of the shield. The handle itself, also is protected from the weather, and thus kept dry and in condition for use.

Having now described my invention what I claim is—

An article of the character described comprising a hollow hand protecting member parabolical in longitudinal section, said member having in its inner end an opening, a hand grip integrally formed with said member and extending parallel with the axis thereof, said grip having an opening therethrough registering with that in said member, a plurality of ribs extending radially from the inner end of said grip and underlying said hand protecting member, and a strengthening rib circumscribing the outer edge of the latter substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CLARENCE H. MAYER.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."