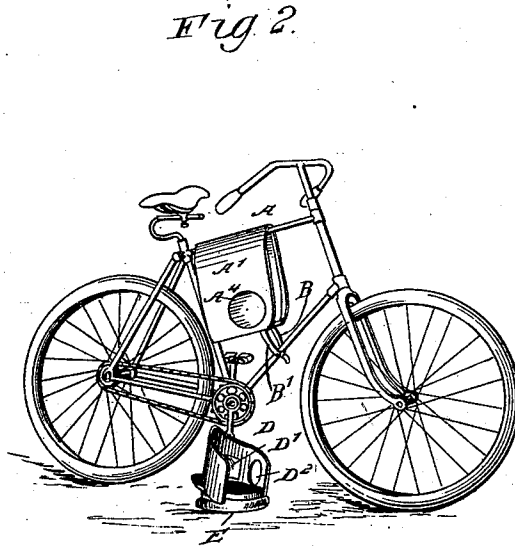
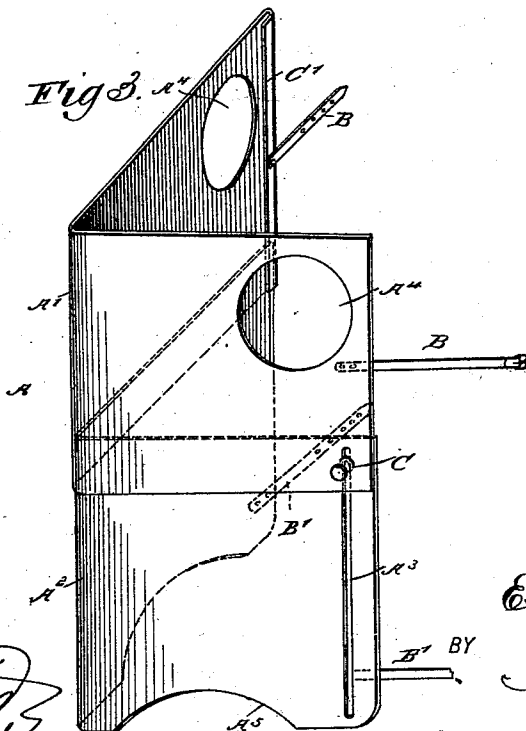


(No Model.)

E. HUNT.
BODY SHIELD.

No. 558,812.

Patented Apr. 21, 1896.



WITNESSES:

Paul J. J. J.
Theo. G. H. H.

INVENTOR

E. Hunt

Mum & Co
ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWARD HUNT, OF DENVER, COLORADO.

BODY-SHIELD.

SPECIFICATION forming part of Letters Patent No. 558,812, dated April 21, 1896.

Application filed June 27, 1895. Serial No. 554,245. (No model.)

To all whom it may concern:

Be it known that I, EDWARD HUNT, of Denver, in the county of Arapahoe and State of Colorado, have invented a new and Improved Body-Shield, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved body-shield more especially designed for use by bicyclists, boatmen, or other persons exposed to the force of the wind, the shield being arranged to not only break the force of the wind against the body of a bicycle-rider, but also to protect the throat, breast, face, and ears of the rider and at the same time permit the rider to easily get on or off the bicycle.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement as applied on a bicycle-rider. Fig. 2 is a like view of the same as folded with the body-shield attached to a bicycle, and Fig. 3 is an enlarged perspective view of the body-shield.

The protector is provided with a body-shield A, made in two parts A' and A², both V-shaped and one fitted to slide vertically upon the other to permit of adjusting the body-shield to the height of the wearer's body. The shield parts A' and A² are provided with straps B and B', respectively, for conveniently attaching the said shield or protector to the body of the wearer, it being understood that the apex of the parts is in front of the body of the wearer to readily cut the wind as the wearer moves forward against the wind. In order to permit the two parts to slide one upon the other, I provide the lower shield part A² on one of its sides with a vertically-disposed slot A³, engaged by a set-screw C, held in the corresponding side of the other shield part A'. By screwing up the screw C the two parts may be readily fastened together, but usually the parts are free to slide one upon the other to permit a ready vertical

adjustment to enable the rider to conveniently get on or off of the wheel. The other side of the part A² is preferably fitted to slide in a guideway C', formed on the corresponding side of the upper shield part A'.

In the sides of the shield part A' are formed openings A⁴ for the passage of the wearer's arms, and the lower edges of the sides of the part A² are cut out, as at A⁵, to readily seat the said sides on the legs of the wearer, as will be readily understood by reference to Fig. 1.

In connection with the body-shield I may use a face-shield D, likewise made V-shaped and preferably attached to the band of a hat or cap E, the said shield being provided on its sides with windows D' in alinement with the eyes of the wearer to permit the wearer to see and at the same time protecting the face from the force of the wind. Ear-muffs D² may also be formed on the inside of the shield to protect the ears of the wearer from the cold.

The body-shield A can be readily folded up, as shown in Fig. 2, by sliding the part A² on the part A' and then attaching the shield to a bicycle by buckling the straps B and B', as indicated in the said figure. By having the face-shield separate from the body-shield the wearer is free to turn the head to either side; but when looking straight ahead the apexes of the two shields are in alinement.

The body-shield A and the face-shield D may be made of any suitable material—such as celluloid, aluminium, and the like—and if made of a transparent or translucent material, such as celluloid, then the windows D' of the face-shield are omitted.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A body-shield, comprising two parts of stiff material and held to slide one upon the other, the upper part being provided with armholes and the lower part having recesses in its lower edge, substantially as described.

2. A body-shield made in two V-shaped parts fitted to slide vertically one upon the other, to suit the height of the wearer's body, the upper part being provided with armholes and the lower part with recesses, to seat it on

the legs of the wearer, substantially as shown and described.

3. A body-shield, consisting of two V-shaped parts, the upper part being provided with a
5 guideway along the edge of one side to receive the edge of the lower part, and the lower part being provided with a longitudinal slot to re-

ceive a screw carried by the upper part, substantially as herein shown and described.

EDWARD HUNT.

Witnesses:

JAMES W. MACRUM,
EDMUND W. MANNING.