

No. 780,692.

PATENTED JAN. 24, 1905.

C. H. WHATLEY & L. BENCK.

FACE SHIELD FOR RIDERS OF MOTOR VEHICLES.

APPLICATION FILED MAR. 8, 1904.

FIG 1

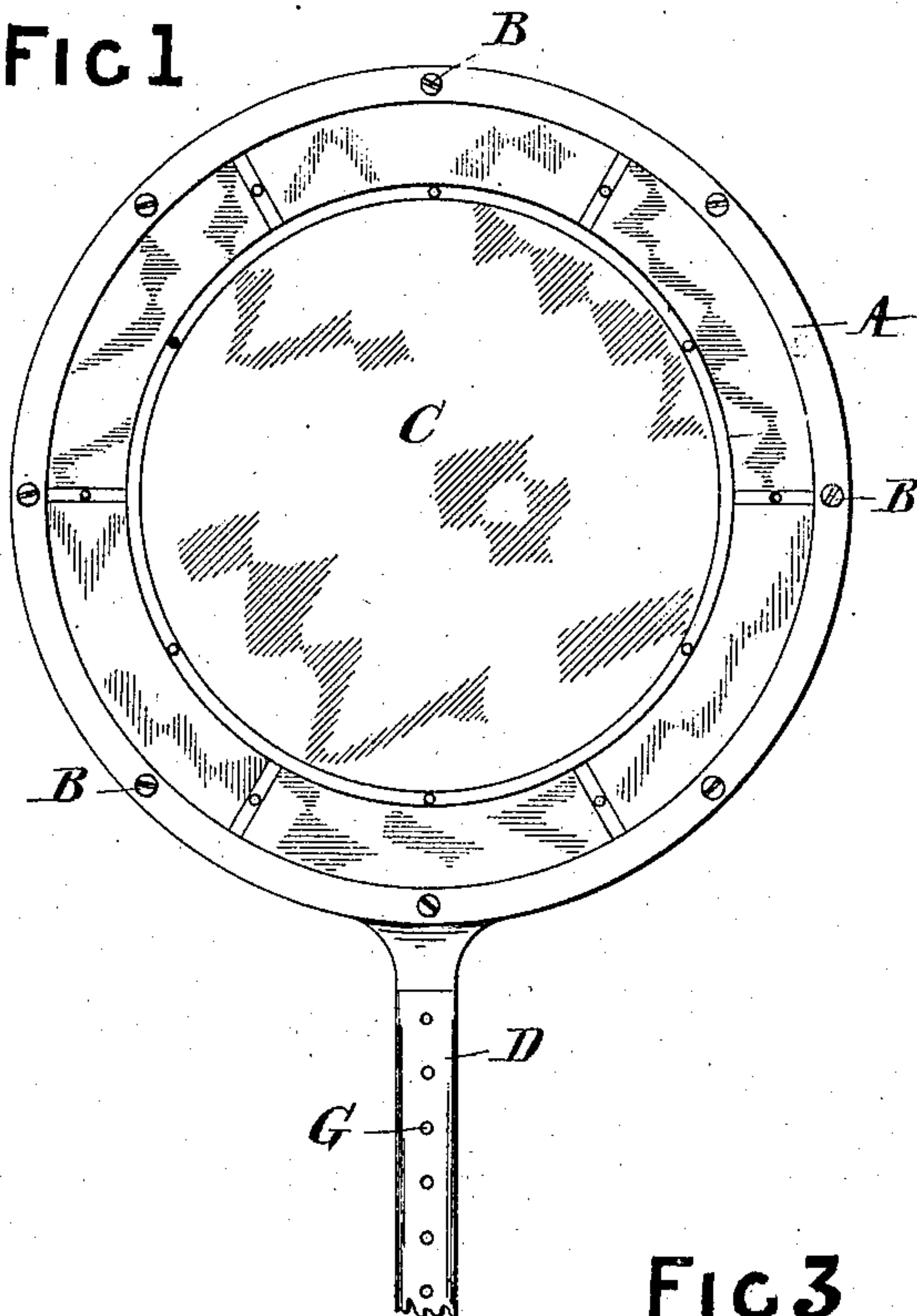


FIG 2

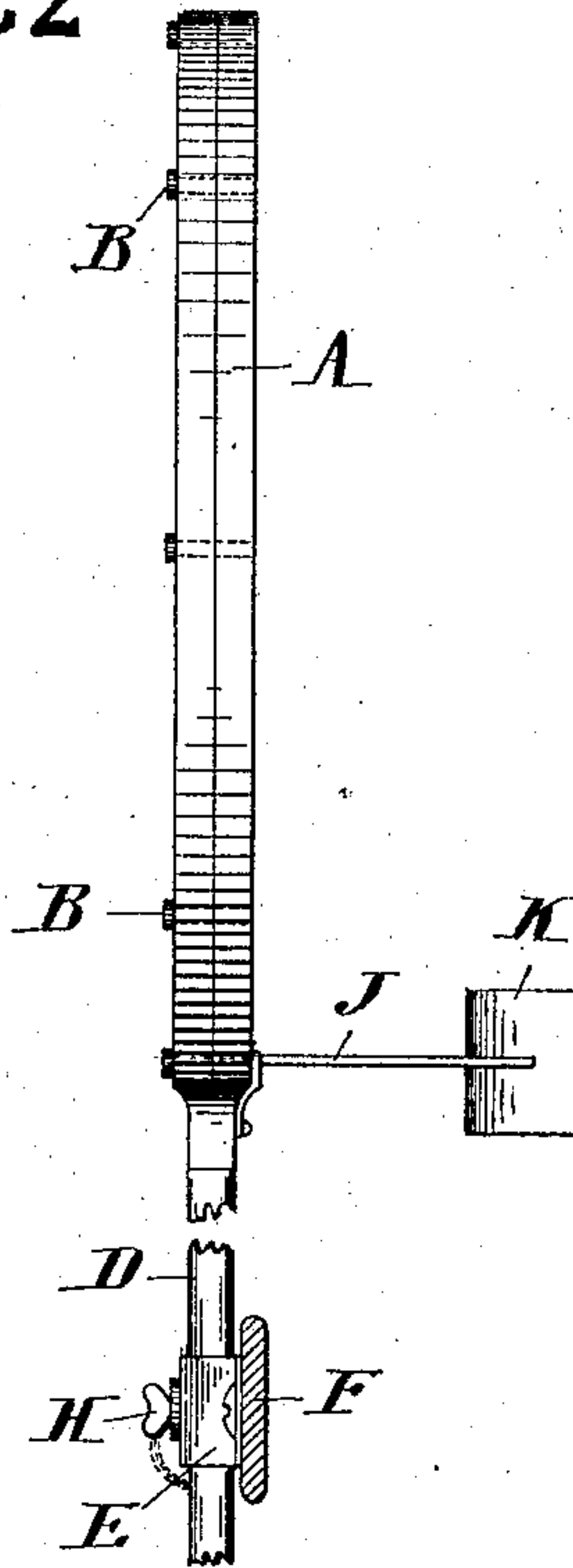


FIG 3

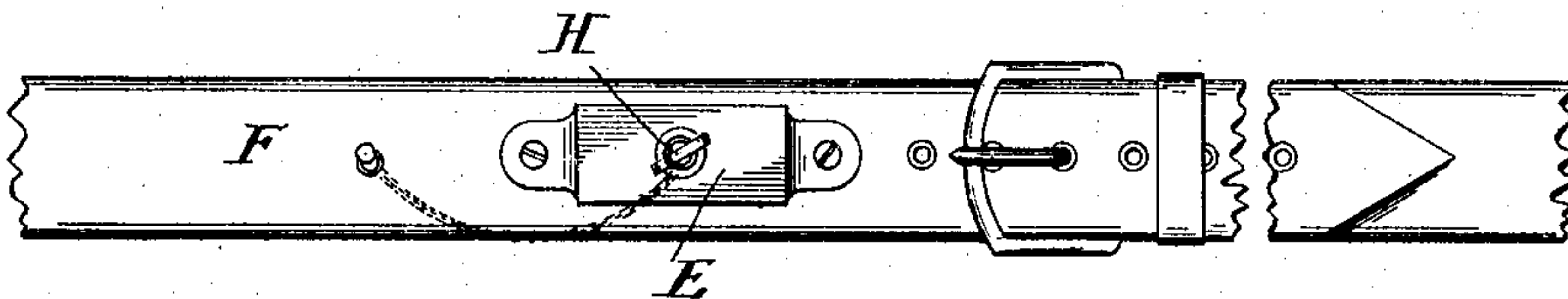


FIG 5

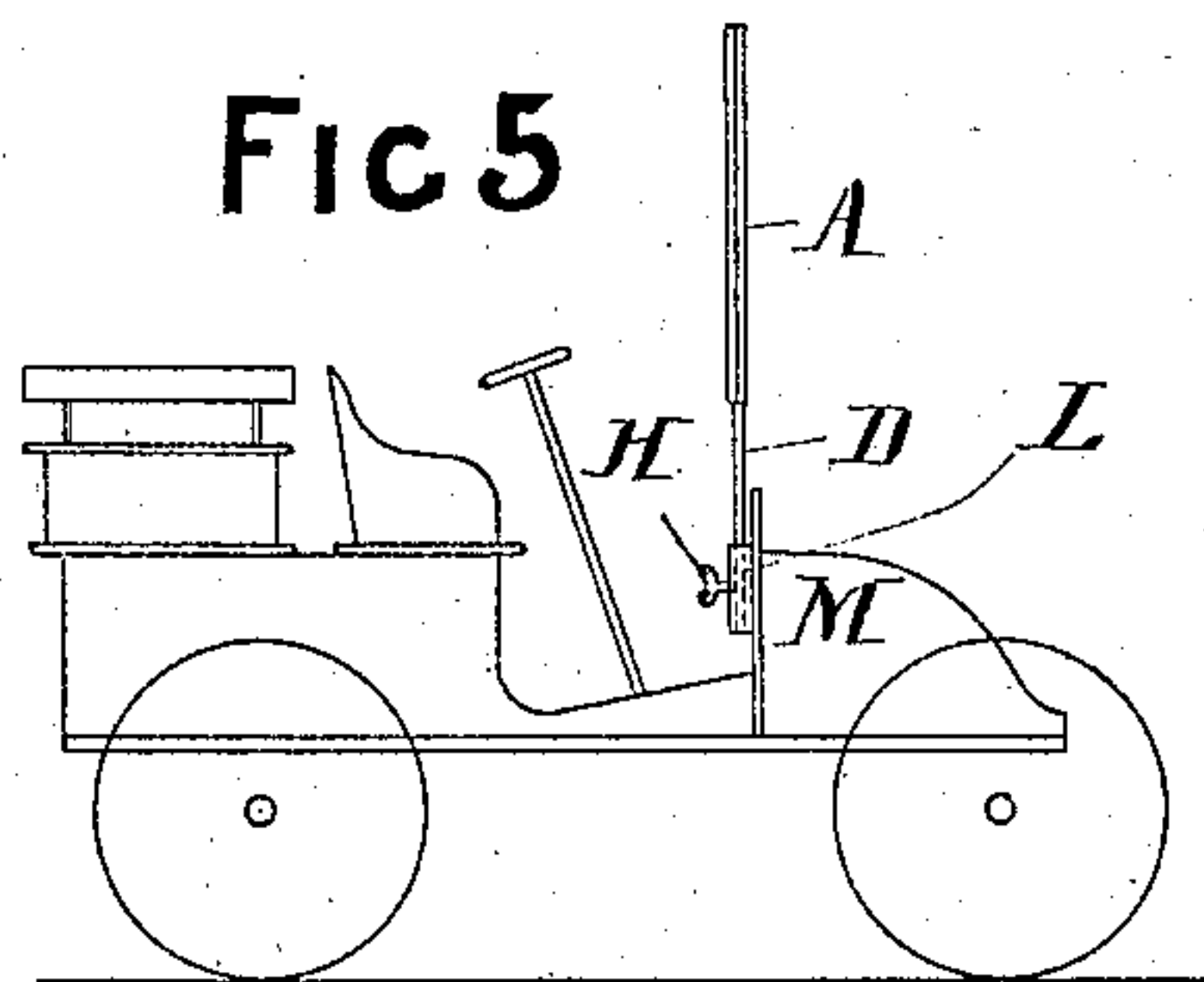
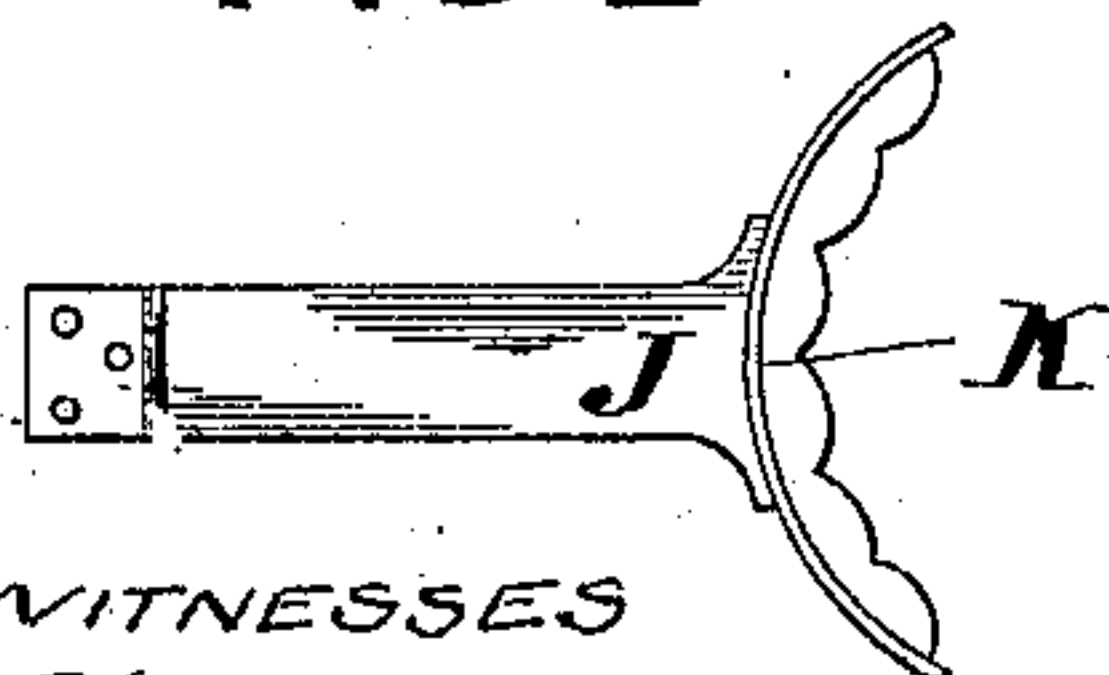


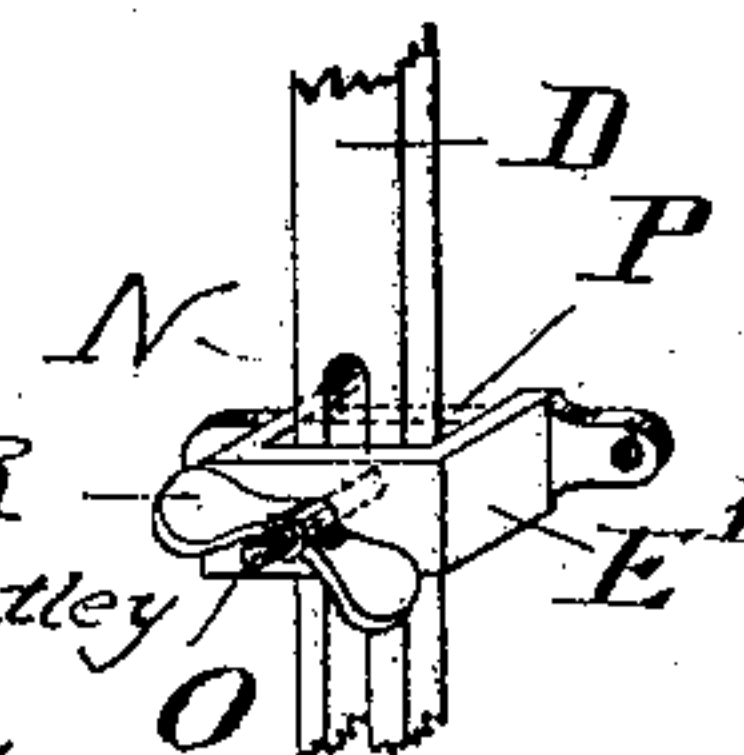
FIG 4



WITNESSES

*H. M. Kuehn*  
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FIG 6



INVENTORS R  
*Clement Henry Whatley*  
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# UNITED STATES PATENT OFFICE.

CLEMENT HENRY WHATLEY AND LENA BENCK, OF HAMMERSMITH,  
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## FACE-SHIELD FOR RIDERS OF MOTOR-VEHICLES.

SPECIFICATION forming part of Letters Patent No. 780,692, dated January 24, 1905.

Application filed March 8, 1904. Serial No. 197,070.

*To all whom it may concern:*

Be it known that we, CLEMENT HENRY WHATLEY and LENA BENCK, subjects of His Majesty the King of Great Britain, residing at 266 King street, Hammersmith, London, England, have invented a certain new and useful Improvement in Face-Shields for Riders of Motor-Cars, Bicycles, and the Like, (for which we have obtained a patent in Great Britain, No. 6,147, dated March 17, 1903,) of which the following is a specification.

Our invention relates to a shield for protecting the face of a rider of a motor-car, bicycle, or like vehicle from the force of beating wind and dust.

In order that our said invention and the manner of its use may be fully understood, reference is hereinafter made to the accompanying sheet of drawings, of which—

Figure 1 is a front elevation of our said face-shield, while Fig. 2 is a side elevation of same, the latter view also showing the manner of attachment of the said shield to a waist-belt worn by the rider. Fig. 3 is a front elevation of the said belt; and Fig. 4 is a plan view of an extension-piece in hinged connection with the frame of the said protecting-shield, as shown in Fig. 2, and adapted to rest against the chest of the wearer. Fig. 5 is a diagrammatical view of a motor-vehicle, showing how the face-shield may be directly applied thereto. Fig. 6 is a perspective view of a slightly-modified arrangement of fixing the face-shield to the waist-belt.

Our invention consists of a circular or oblong frame A, of any suitable material, and preferably made in two parts connected by means of screws or pins B and adapted when so connected to retain between them a disk C, which said disk may conveniently be of talc, mica, glass, or any other transparent substance or material in one or any number of suitably-connected parts. The said frame A has connected thereto or formed integrally therewith a leg or foot D of round or flat or other formation in cross-section adapted to fit into a metallic or other socket or recess E, riveted or otherwise connected to an adjust-

able waist-belt F, adapted to be worn by the rider, the said leg or foot D having any number of holes G formed therein for the adjustment of the height of the said frame A by the means of a suspended thumb-screw H, adapted to pass through a hole provided in the face of the socket E and engage with one or the other of the said holes G, or in lieu of holes G a slot N may be provided in the leg D for engaging with a pin O, attached to a plate P, situated in the socket E', as at Fig. 6, such pin O passing through a hole in the front of the socket and adapted to receive a fly-nut R for fixing the leg D in the desired position between said socket E' and plate P, as illustrated by Fig. 6.

The frame A has hinged to any convenient part of the back thereof a wood, metal, or other plate J, (shown detached in Fig. 4 and in position in Fig. 2,) the free end of which has a preferably padded plate K attached thereto arranged to fit and rest against the breast of the wearer in order to keep the protecting frame or shield A B C a suitable and convenient distance from the face of the rider.

As a slight modification of our invention as hereinbefore described the leg or foot D of the shield A C may be directly and adjustably mounted in the manner herein stated in a suitable socket or recess L in connection with the fore or other convenient part M of a motor-vehicle, as shown in Fig. 5. By these means the said frame-leg D may be adjusted in the socket or recess E or L so as to place the shield directly in front of the face of the wearer. The said shield, while affording to the rider every facility for observation, would entirely protect his or her face and the upper part of his or her body from wind and dust when traveling, while the hands are perfectly free for manipulating the machine.

Having now described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A wind and dust protecting face-shield comprising a frame surrounding and retaining a disk of transparent material and having a leg or foot attached thereto for adjustably

connecting said shield in a socket or recess attached to a waist-belt substantially as and in the manner herein described.

2. A wind and dust protecting face-shield  
5 comprising a frame surrounding and retaining a disk of transparent material and having a leg or foot attached thereto for adjustably connecting said shield in a socket or recess attached to a waist-belt, said frame also having  
10 a breast-support in hinged connection therewith substantially as and for the purposes described.

3. The wind and dust protecting means for the rider of a motor-car, bicycle or like vehi-

cle, consisting of the combination of a frame 15 with chest-pad and glazed with transparent material, and having an adjustable foot or leg, a waist-belt having a socket or recess connected thereto for receiving said leg and means for retaining the shield in position sub- 20 stantially as described.

In witness whereof we have hereunto set our hands in presence of two witnesses.

CLEMENT HENRY WHATLEY.

LENA BENCK.

Witnesses:

HENRY CONRAD HEIDE,

ALBERT GEORGE BARNES.