

G. H. BLAKE.
 DETACHABLE MUD GUARD AND-DRESS PROTECTOR FOR MOTOR CYCLES.
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1,027,806.

Patented May 28, 1912.

Fig. 1.

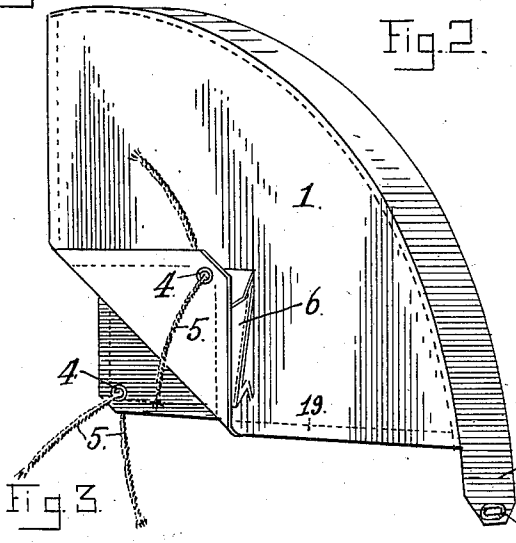


Fig. 2.

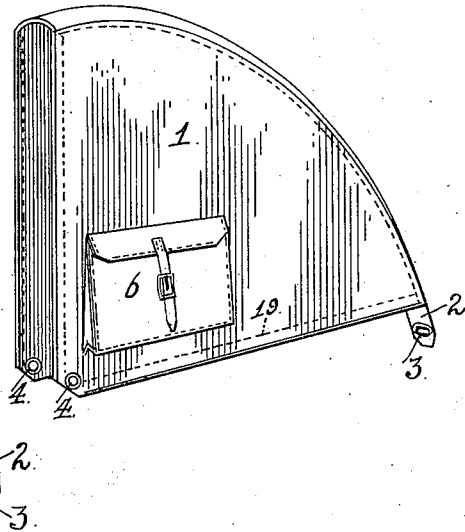
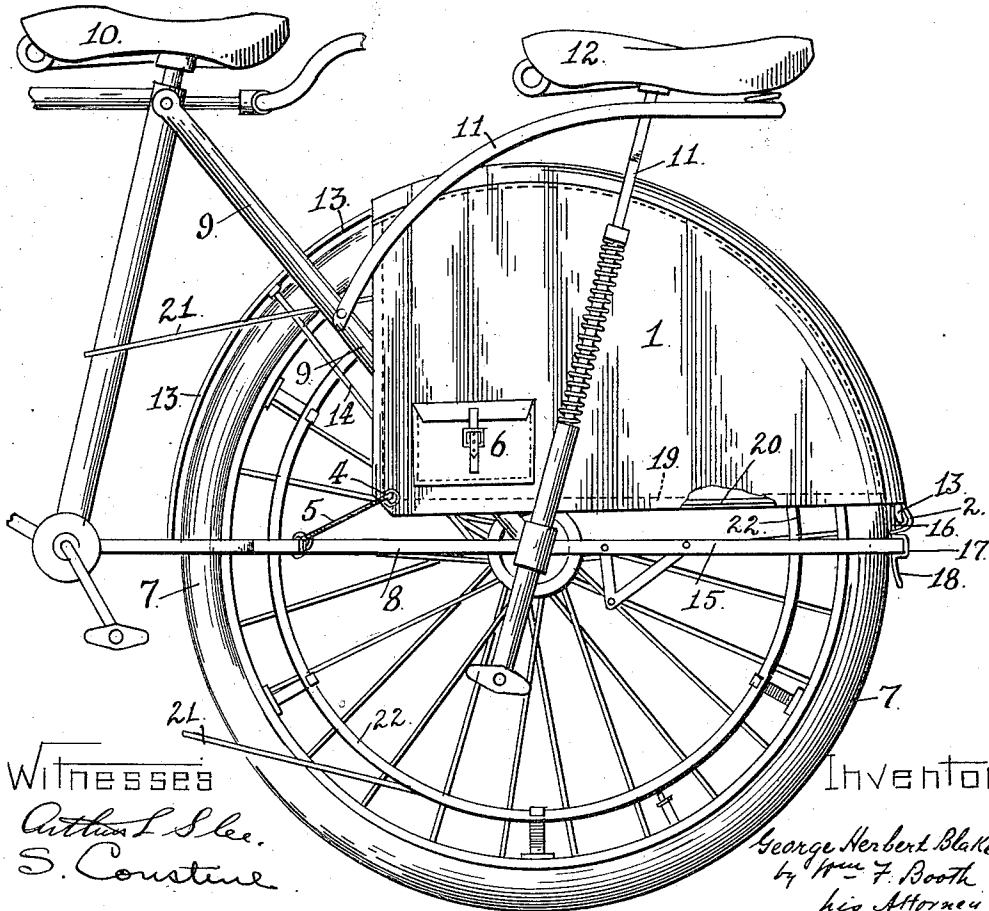


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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DETACHABLE MUD-GUARD AND DRESS-PROTECTOR FOR MOTOR-CYCLES.

1,027,806.

Specification of Letters Patent.

Patented May 28, 1912.

Application filed February 28, 1912. Serial No. 680,463.

To all whom it may concern:

Be it known that I, GEORGE HERBERT BLAKE, a citizen of the United States, residing at Alameda, in the county of Alameda and State of California, have invented certain new and useful Improvements in Detachable Mud-Guards and Dress-Protectors for Motor-Cycles, of which the following is a specification.

My invention relates to that class of mud-guards and dress protectors in which a shield or apron envelops that segment or portion of the vehicle wheel throughout the area from which protection is needed.

My invention is particularly adapted for motorcycles, and especially for machines of the tandem type, in that it is well adapted to guard and protect the rear rider, who from his position is necessarily more exposed to the danger zone of the rear wheel.

The object of my invention is to provide a simple, inexpensive and effective device of this kind, which can be easily connected and detached; and to this end my invention consists in the novel guard and protector which I shall now describe by reference to the accompanying drawings in which—

Figure 1 is a perspective view of my guard and protector. Fig. 2 is a view showing it from in front. Fig. 3 is a view showing its application to a wheel.

The guard or protector 1 is made of some suitable flexible material, preferably leather. Its shape is substantially that of a quadrantal sector, and is best formed of three pieces comprising the two sides and the arc. At the outer extremity of its lower radial edges it is formed with a projecting tab 2, made in practice by extending the arc piece, and in this tab is placed a gromet 3. At its inner angles, it is provided with an eyelet 4, one in each angle, and in these eyelets are tapes 5. Pockets 6 are attached to the guard on the outer surfaces of its inner portions, one on each side.

7 is the rear wheel of a motorcycle.

8 is one of the horizontal forks of the frame, and 9 is one of the diagonal forks. 10 is the front saddle.

11 is the frame of the tandem attachment, and 12 is its saddle.

13 is the usual metallic mud-guard supported by the rods 14 and overlying the upper semi-circumference of the wheel.

15 is the usual stand-support which is pivotally mounted in the wheel axis, and is adapted when turned downward to render the cycle stable. When this stand-support is turned upward and backward out of the way, it is adapted to engage with and to be carried by the springy catch 16 which is secured to and projects from the rear end of the metallic mud-guard 13. This catch has, in practice, various shapes, the one here shown having an inner keeper-notch which receives and holds the cross piece of the stand-support 15. Below this notch the catch projects to form an entrance point 18.

My guard and protector 1 is fitted to the machine by causing its gromet 3 to slip over the catch 16; and whatever may be the particular detail or shape of this catch, the narrow projecting tab 2 of the protector, which carries the gromet, enables the attachment to be effected without interfering with the proper engagement of the stand-support 15 with said catch, the full functional operation of which is thus permitted, notwithstanding the presence of the guard. In the present case the gromet 3 lies above the keeper-notch 17 of the catch, and thus the keeper-notch 17 is left unobstructed and the whole catch is clear for the more or less forcible treatment it usually receives when the operator kicks the stand-support into or out of it.

The guard or protector 1 being as just explained, fastened by its tab 2 to the catch 16, is drawn or stretched up over the metallic mud guard 13 and then occupies a position in which it envelops about a quadrant of the rear wheel. Then the tapes 5 are tied to some part of the frame, as, for example, as here shown to the horizontal fork 8.

It will be seen from the foregoing description that the device may be readily attached to the machine, and as easily detached, and that when in place it will not interfere with anything, but will afford full protection. It is light, and can be packed in small compass by folding, both of which are great advantages.

In one of the lower radial edges of the protector I provide a wide seam, as at 19, thereby forming a pocket. Into this pocket may be slipped a bendable wire 20, as in Fig. 3, where the protector is shown broken

away to expose the wire. This wire is used when the protector is applied to wheels driven by a belt 21 and pulley 22. The wire 20 is readily bent where it passes by the pulley at the rear, and thereby holds the protector out away from said pulley.

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

1. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges means for attaching it, and at its inner angles other attaching means.

2. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges a gromet for attaching it to the mud-guard catch of the stand-support, and having at its inner angles means for attaching it to the frame of the machine.

3. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges a gromet for attaching it to the mud-guard catch of the stand-support, and having at its inner angles eyelets and tapes therein for attaching it to the frame of the machine.

4. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges an extension-tab of its arc for engagement with the mud-guard catch of the stand-support, and having at

its inner angles means for attaching it to the frame of the machine.

5. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges an extension-tab of its arc, with a gromet in said tab, for engagement with the mud-guard of the stand-support, and having at its inner angles means for attaching it to the frame of the machine.

6. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges an extension-tab of its arc, with a gromet in said tab, for engagement with the mud-guard of the stand-support, and having at its inner angles eyelets and tapes therein for attaching it to the frame of the machine.

7. A guard and protector for the specified purpose consisting of a flexible sector-casing open at its radii and closed at its arc, said casing having at the outer extremity of its lower radial edges means for attaching it to the mud-guard catch of the stand-support, and having at its inner angles means for attaching it to the frame of the machine, and having also one of its lower radial edges provided with a seam to form a pocket, and a bendable member in said pocket.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE HERBERT BLAKE.

Witnesses:

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A. K. DAGGETT.