

No. 622,535.

Patented Apr. 4, 1899.

J. C. PROUT, JR.

MOWER GUARD.

(Application filed Apr. 12, 1898.)

(No Model.)

Fig. 1,

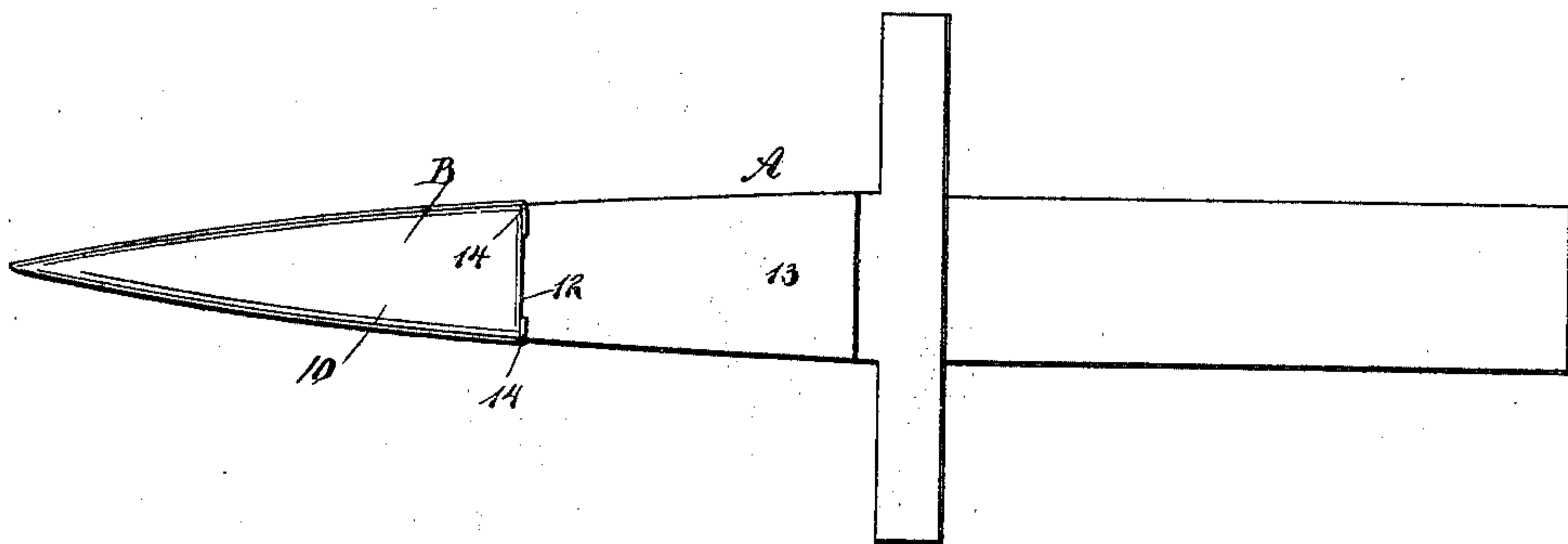


Fig. 2,

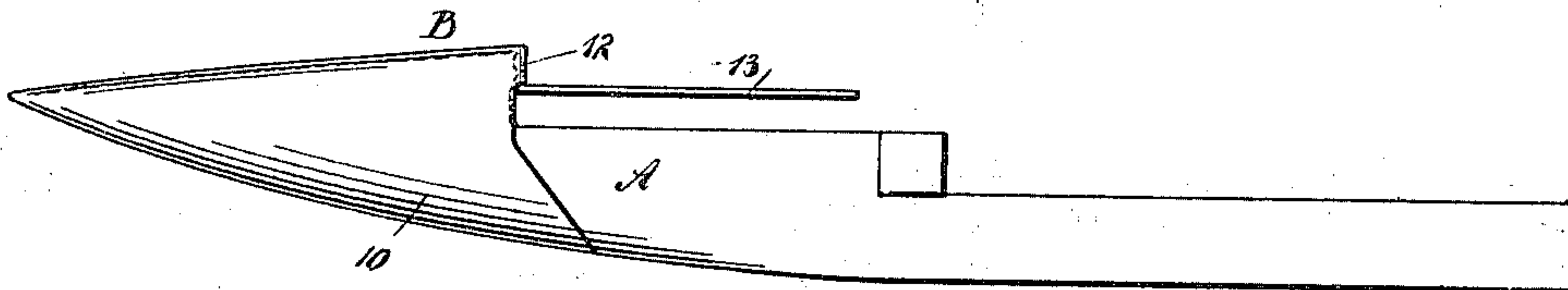


Fig. 3,

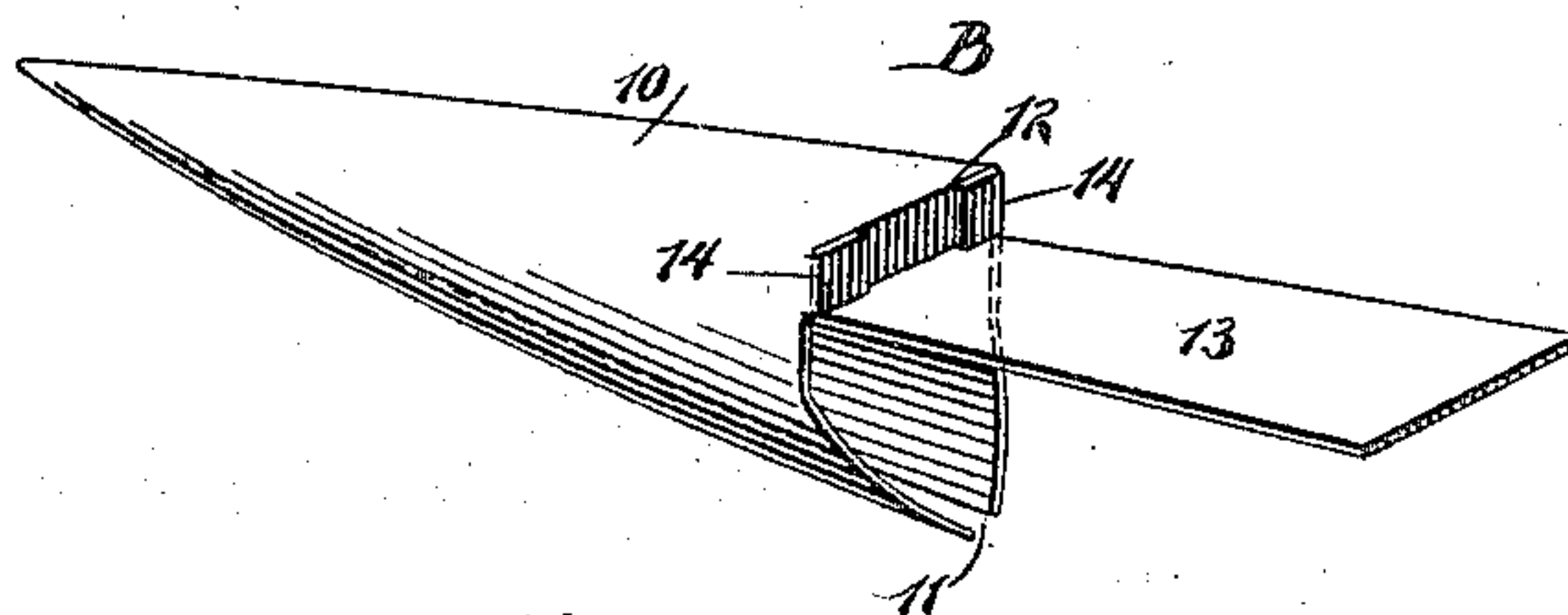
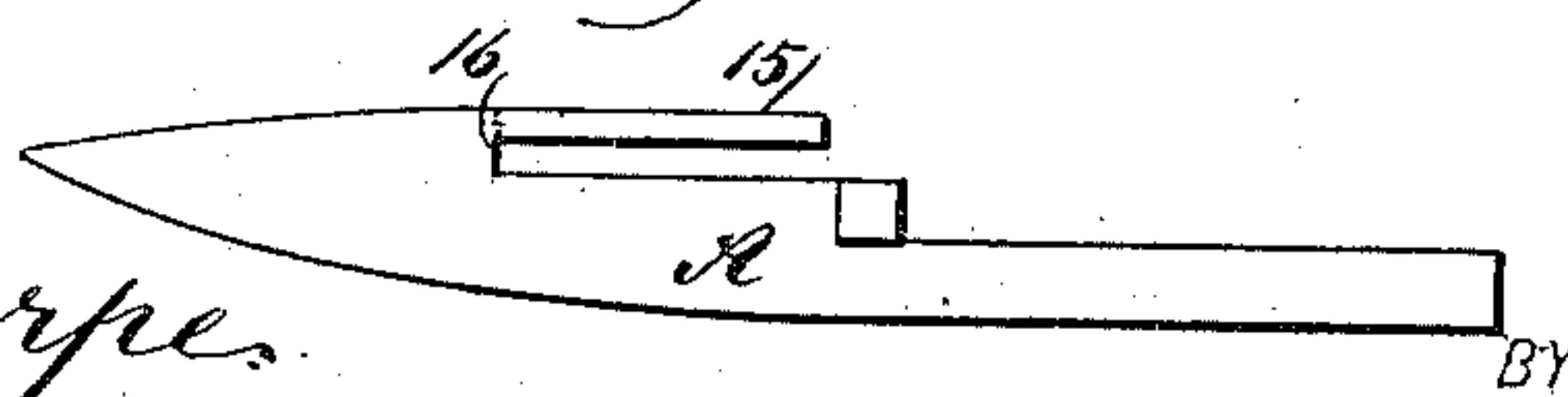


Fig. 4.



WITNESSES:

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JOHN C. PROUT, JR., OF OGDEN, UTAH.

MOWER-GUARD.

SPECIFICATION forming part of Letters Patent No. 622,535, dated April 4, 1899.

Application filed April 12, 1898. Serial No. 677,276. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. PROUT, JR., of Ogden, in the county of Weber and State of Utah, have invented a new and Improved Mower-Guard, of which the following is a full, clear, and exact description.

The object of the invention is to provide a cap for mower-guards which may be used to restore to its original shape any guard that may be broken, the cap being so constructed that it may be expeditiously and conveniently sprung upon the guard and carried thereby without in the slightest degree interfering with the action of the cutter-bar; and a further object of the invention is to so construct the caps for the finger-guards that a number of them may be carried in the tool-box, so that in the event of an accident to any one of the mower-guards the caps will always be at hand and may be quickly slipped thereon, thus adding to the efficiency of the mowing-machine.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and 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 plan view of the mower-guard and a cap applied thereto. Fig. 2 is a side elevation of one of the mower-guards and cap in position thereon. Fig. 3 is a detail perspective view of the cap; and Fig. 4 is a side elevation of a mower-guard, illustrating by broken lines the usual point of fracture.

A represents a guard of a mowing-machine, and B the cap, which is adapted to carry out the original shape of the guard should the latter become broken. The cap B is preferably made of sheet metal or other material equally durable and of equal elasticity. The cap consists of a body portion 10, which is shaped to conform to the finger portion of the mower-guard, being consequently more or less tapering, terminating at its outer end in a point. At the bottom the body portion of the mower-guard is provided with an opening 11, which is likewise tapering, being widest at the rear, and at the top rear portion of the body of the mower-guard a vertical shoulder

12 is transversely formed, and the material forming the body after having been bent to produce the shoulder 12 is carried rearward in a horizontal plane, forming virtually a table 13. The entire cap is preferably made from a single piece of material, and in the construction of the cap ears 14 are usually bent over upon the shoulder 12, one at each side of its ends, and these ears serve to reinforce the said shoulder. Preferably the rear end of the body of the cap below the table 13 is carried vertically downward for a short distance and is then given an inclination in a rearward direction, as is particularly shown in Fig. 2.

Mower-guards are most frequently broken at the guard-section 15, as shown in Fig. 4, leaving a decided shoulder 16 at the forward upper portion of the finger and the sickle-bar unprotected. Such a breakage may be quickly repaired by the application of one of the improved caps, the body portion 10 of which is slipped over the finger of the guard, as shown in Figs. 1 and 2, and the shoulder 12 of the cap is brought in engagement with the shoulder 16 of the mutilated guard, whereupon the table 13 will occupy the position formerly occupied by the broken guard-section 15. By this means a broken mower-guard may be repaired quickly, economically, and conveniently while the mower is on the field, the restored mower-guard being in every respect as efficient as before the breakage.

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

1. A cap for a guard-finger, consisting of a body portion conforming substantially to the shape of the guard-finger, and a table projected rearward from the body portion, substantially as specified.

2. A cap for mower-guards, consisting of a tapering spring-body, and a table projected from the rear of the said body, as specified.

3. A cap for mower-guards, consisting of a body portion constructed of a spring material, which body portion is tapered longitudinally and is provided with a longitudinal opening at the bottom, the upper rear portion of the body being formed with a vertical shoulder and a table which extends rearwardly from the said shoulder, as and for the purpose specified.

4. A cap for mower-guards consisting of a tapering body of a spring material, open at the back and having a longitudinal opening at the bottom, the upper rear portion of the
5 body being provided with a downwardly-extending shoulder and a horizontal projection from the said shoulder, the projection and shoulder being integral portions of the said body, as specified.

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Witnesses:

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