

N^o 2533



A.D. 1909

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COMPLETE SPECIFICATION.

“An Improved Pin for Pulling Out Percussion Caps from Discharged Cartridges”

I, JOHAN PETER JOHANSSON of Fanna at Enköping, Sweden, Managing Director, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 The present invention relates to an improvement in such pins as are used in some machines for pulling out the percussion cap from discharged cartridges, and which pins are obliquely pressed into the percussion cap and hold the same while the cartridge is drawn back. This arrangement has for its purpose to secure the engagement of the pins in the percussion cap in such a manner
10 that the latter will fasten on the pin and will be prevented from moving backward with the cartridge.

In the accompanying drawing, a part of the improved pin is shown in a perspective view in Figure 1 and in cross section in Figure 2.

15 In carrying the invention into effect, the point *a* of the pin is bevelled on three sides so that it is triangular in cross section, and moreover all or at least two of the bevelled faces *b* are concave in a longitudinal direction and also concave in cross section. Experiments have proved that a pin made in the above described manner firmly holds the percussion cap into which it is pressed, the percussion cap thereby being fastened on the pin and not following the
20 cartridge when moved backward. This effect of the pin depends upon the concave bevelled faces of the point, which faces, on pressing the pin into the percussion cap, bend away the material on the sides of the resulting opening so that the material will form flaps bent over and bearing against the pin, thereby effectively contributing to hold the percussion cap to the pin.

25 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. An improved pin for pulling out percussion caps from discharged cartridges with a point bevelled in such a manner that it is of triangular cross
30 section, and at least two of the bevelled faces are made concave in a longitudinal direction as well as in cross section.

2. The improved pin substantially as described and as illustrated.

Dated this 2nd day of February 1909.

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18, Southampton Buildings, London, W.C.,
13, Temple Street, Birmingham, and
30, Cross Street, Manchester,
Agents.



[This Drawing is a full-size reproduction of the Original.]

Fig: 1.

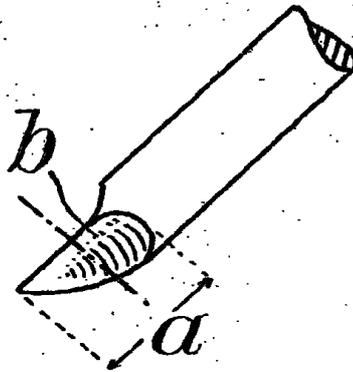


Fig: 2.



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