

(No Model.)

F. E. & W. E. NYE & J. W. MATTHEWS.

CARTRIDGE SHELL CREASER.

No. 292,846.

Patented Feb. 5, 1884.

FIG. 1.

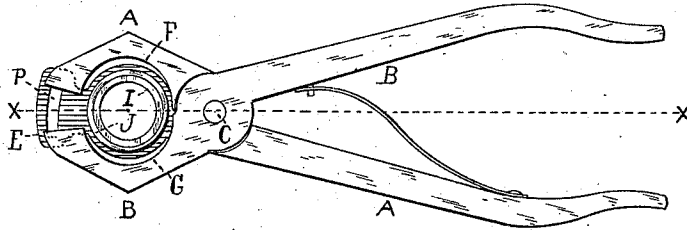


FIG. 2.

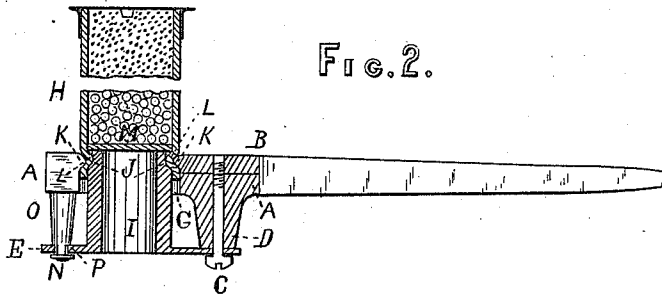


FIG. 3.

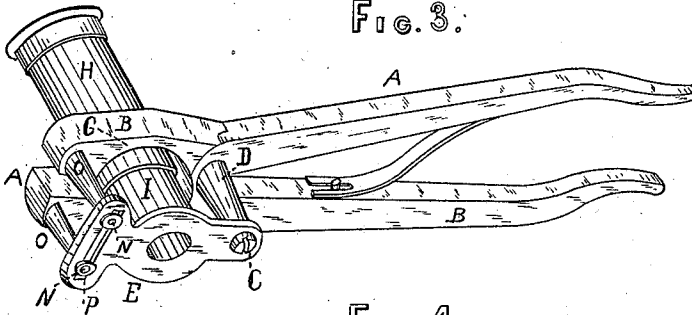
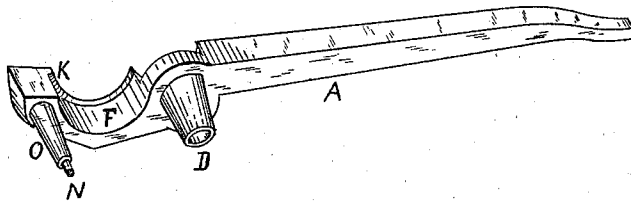


FIG. 4.



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CARTRIDGE-SHELL CREASER.

SPECIFICATION forming part of Letters Patent No. 292,846, dated February 5, 1884.

Application filed August 29, 1883. (No model.)

To all whom it may concern:

Be it known that we, FRED. E. NYE, WILLIAM E. NYE, and JOHN W. MATTHEWS, of Monmouth, in the county of Warren and State of Illinois, have invented new and useful Improvements in Cartridge-Shell Creasers, of which the following is a specification, reference being had to the accompanying drawings, illustrating the invention, in which—

Figure 1 is a plan or top view of a cartridge-shell creaser in which is embodied our invention. Fig. 2 is a vertical section thereof on line *x*, Fig. 1, with the cartridge on the post. Fig. 3 is a perspective representation thereof with the shell in position preparatory to being creased. Fig. 4 is a perspective view of one of the creaser-jaws removed.

The object of the present invention is to provide means whereby the gage-post of a cartridge-creaser will, by the opening of the jaws, be automatically brought centrally between them, whereby a cartridge may be put on the post without coming in contact with either jaw. This we accomplish by the extension of the frame which supports the post forward to about the length of the jaws which do the creasing, and a curved slot formed in the frame near its end, and posts or studs attached to the jaws and extending into or through the slot, whereby the opening of the jaws brings the post centrally between them and on opposite sides equal distances from them, as hereinafter fully described and shown.

A B represent two levers, which are pivoted together by a post or stud, C D, which project far enough from the levers to support a frame, E, to which is attached the gage-post I J, of ordinary construction. The opposite end of the frame E from the stud C D projects past the gage-post to about the length of the jaws F G K, and transversely across the end so projecting is formed a segment-slot, P. Studs O O

are respectively attached to the jaws F G K by being riveted or cast solid thereto. To connect these studs O with the slot P, pins are either formed on the ends thereof so as to pass into the slot, or screws N are put through the slot from the outside of the frame E and tapped into the studs, the same end being attained in both instances.

It is the custom in cartridge-creasers as now made to pivot the gage-post so as to be unguided between the jaws, except it be centered by hand at the setting of each cartridge. Our automatically-adjusted gage-post obviates this foregoing objection and makes the tool complete.

It is proper to state that the cartridge H is shown on the gage-post at Figs. 2 and 3, the crease at L, Fig. 2, and the wad at M.

The creasing is done, in the ordinary manner, by compressing the jaws together.

We claim and desire to secure by Letters Patent of the United States—

In cartridge-shell creasers which are composed of lever-jaws and a gage-post, the frame E, extending past the post and over the jaws, and provided with a segment-slot, P, in combination with studs O O, which are attached to the ends of the jaws and project through the slot to serve as a guide automatically to center the post between the jaws by the opening of them, as specified.

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