

(No Model.)

G. M. NEWTON.
PICK HANDLE PROTECTOR.

No. 485,977.

Patented Nov. 8, 1892.

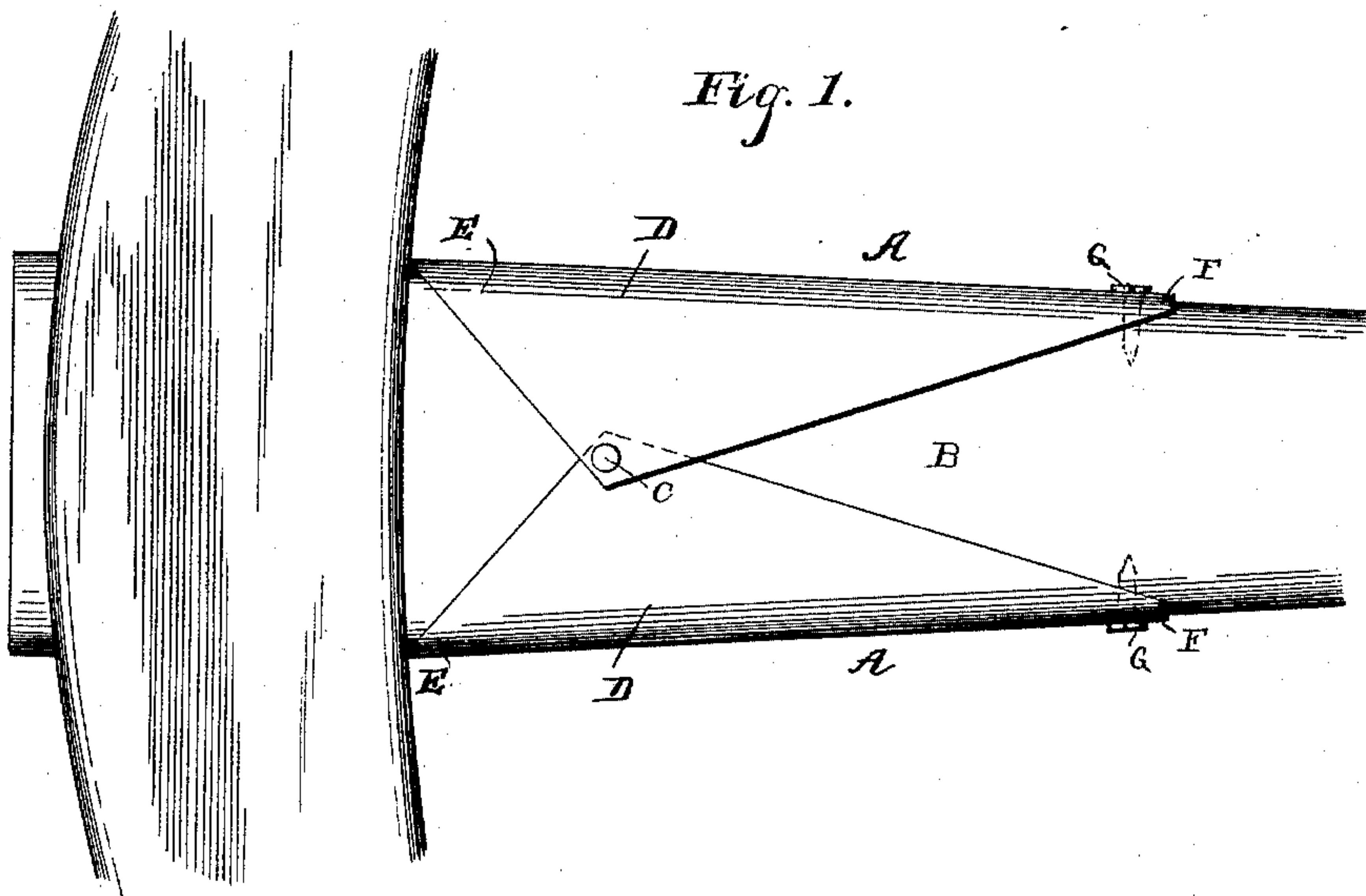
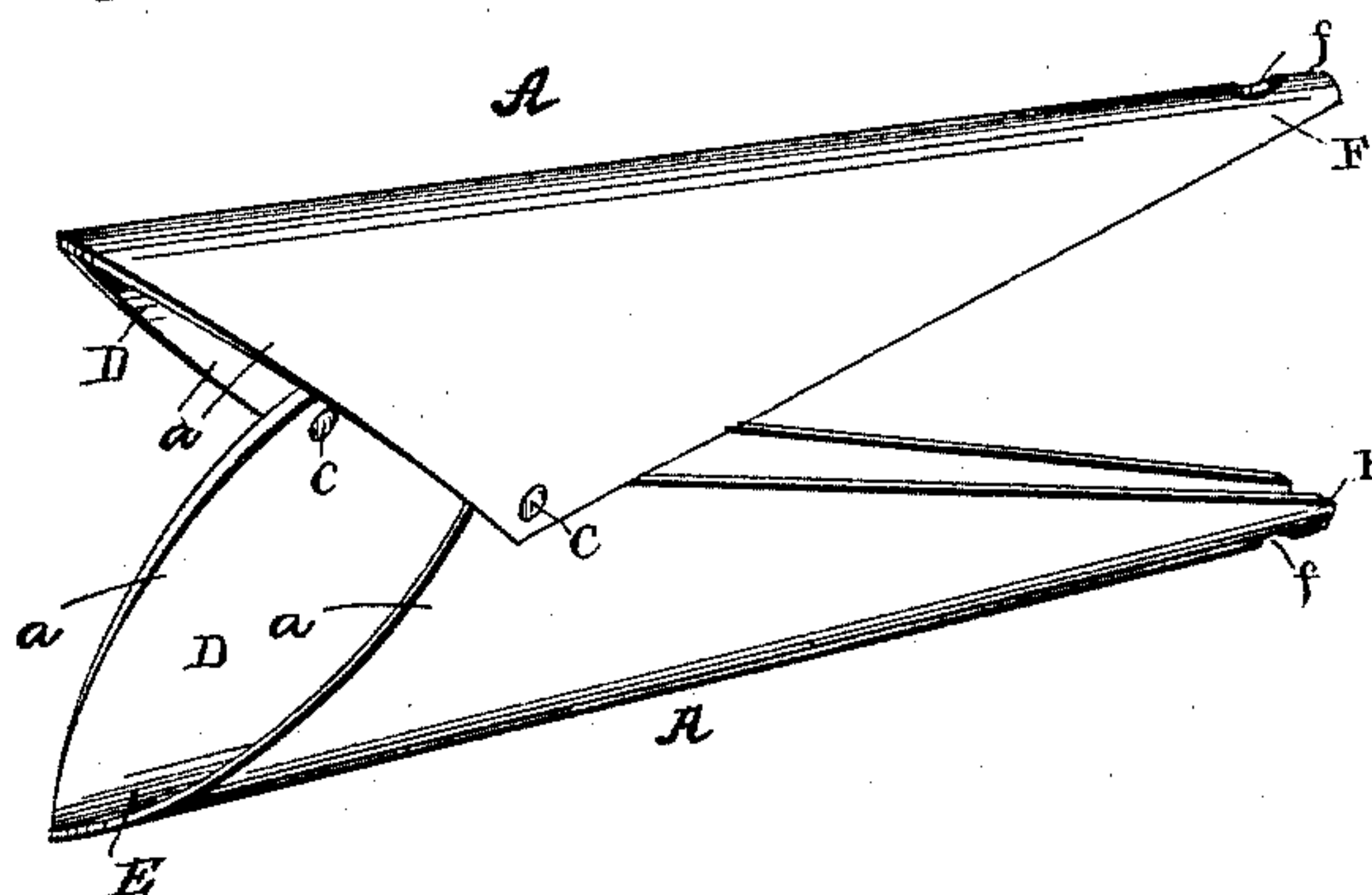


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE M. NEWTON, OF SHARON, ALABAMA.

PICK-HANDLE PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 485,977, dated November 8, 1892.

Application filed December 9, 1891. Serial No. 414,486. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. NEWTON, a citizen of the United States, residing at Sharon, in the county of Walker and State of Alabama, have invented a new and useful Pick-Handle Protector, of which the following is a specification.

This invention relates to pick or other tool handle protectors; and it has for its object to provide an article that readily adapts itself to the ordinary-shaped pick or other tool handles of an analogous character and which is designed to effectually prevent the chafing and wearing out of the handle at the eye of the tool, which occurs in the ordinary unshielded pick-handles, particularly where picks are employed for mining purposes.

To this end and others which will readily appear as the nature of the invention is fully understood the same consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a pick provided with a handle shield or protector constructed in accordance with my invention. Fig. 2 is a detail in perspective of the shield or protector.

Referring to the accompanying drawings, A A represent the opposite approximately-U-shaped shield members, which are constructed of suitable sheet metal and fastened together in such a manner as to readily adapt the shield to all sizes of pick or other tool handles. The U-shaped members A comprise the opposite sides *a*, curved approximately parallel with each other from the blank of sheet metal, so as to conform to the edge and faces of one-half of the pick-handle, the outer corners of said sides overlapping each other between their ends on opposite sides of the pick-handle B, to which the same are applied, and are pivoted together at C in order to allow the said members to be forced and adjusted upon the handle. The opposite shield members A are provided with enlarged portions D adjacent to their pivotal connections to fit the swelled portion of the pick-handle at the eye of the pick, and said mem-

bers also extend above their pivotal point upon the edges of the handle, as shown at E, so that the upper points of said members would extend directly to the eye of the pick or other tool, so as to fully protect the edges of the handle from said eye to the extreme lower ends of said pivoted members, which terminate in reduced shank portions F, provided with the lateral perforations *f*, that are adapted to receive the securing-screws G, working therethrough and through the edges of the pick-handle, so as to spread and clamp said reduced shanks against the handle, and thus close the enlarged upper ends of the members tightly against the pick or other tool handle adjacent to the eye of the tool for the purposes set forth. The adaptation of the improved tool-handle shield to the pick or other tool handle is now readily apparent. The said shield is slipped over the small end of the handle and, conforming to the flattened rounded shape of the same, is slid up to the eye of the tool, at which point it is securely clamped by means of the securing-screws being screwed into the opposite edges of the handle to clamp the shield tightly on the pick-handle. Now it will be readily seen that, owing to the pivotal connection of the shield members, when the device has been slid over the handle up to a point near the eye of the pick where the handle tapers and swells and that as the shield is continued to be driven on, the outer ends of the same spread and clamp the lower ends below the point of pivot tightly against the handle, thus forming a drive fit, causing the device to snugly embrace the handle.

Although the device claimed is illustrated as applied to the handle of a pick, which is usually and preferably the case, it will also be noted that the same is as applicable to other tool-handles—such as axes, &c.—and other tools of an analogous character.

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

A removable metal shield or guard comprising the opposite members U-shaped in cross-section and having their opposite sides

overlapping each other and pivoted together
at their corners between their ends and adapt-
ed to be driven over the swelled end of the
handle to form a drive fit thereon, and screws
5 for securing the guard to the handle, substan-
tially as set forth.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in
the presence of two witnesses.

GEORGE M. NEWTON.

Witnesses:

JAS. W. SHEPHERD,

J. T. DAVIS.