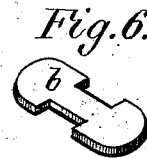
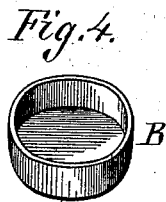
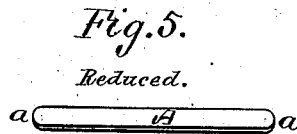
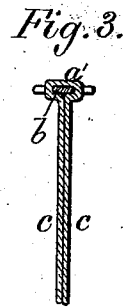
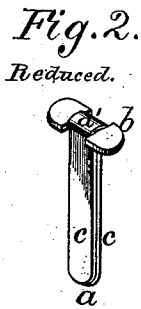
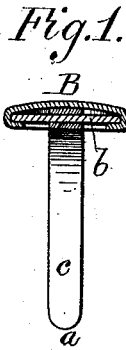


E. A. G. ROULSTONE.
Paper-Fastener.

No. 209,516.

Patented Oct. 29, 1878.



Witnesses:
Henry Nickerson
W. W. Wiley

Inventor:
E. A. G. Roulstone.
J. Curtis, Atty.

UNITED STATES PATENT OFFICE,

EDWARD A. G. ROULSTONE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PAPER-FASTENERS.

Specification forming part of Letters Patent No. 209,516, dated October 29, 1878; application filed October 14, 1878.

To all whom it may concern:

Be it known that I, EDWARD A. G. ROULSTONE, of Boston, Suffolk county, Massachusetts, have invented a new and useful Paper-Fastener, of which the following is a specification:

This invention relates to paper-fastenings composed of a flat strip of ductile metal, folded flatwise to produce two equal-sized prongs, lapped closely together, and adapted to enter together a single slit in the papers or materials to be bound, and be turned down or over in opposite directions from each other upon the under side of said papers, the doubled end of the folded strip being provided with a suitable button-head, which bears upon the front side of the papers and presents a finished appearance.

My invention consists in the peculiar construction of the fastening, as hereinafter described, whereby I obtain strength, durability, neatness, and cheapness.

The drawings accompanying this specification represent, in Figure 1, a section of a paper-fastener made as called for by my invention. Fig. 2 of such drawings is a view of the bent strip of metal with the cross piece or head which confines it to the cap or button, while Fig. 3 is a section of the same. Fig. 4 is a view of the cup which constitutes the cap or head of the fastener. Fig. 5 is a view of the strip of metal before bending. Fig. 6 is a view of the cross bar or piece which confines the bend of the strip within the head.

In carrying out my invention, I provide a narrow strip, A, of ductile metal, of a proper width for the prongs of the fastener, and I round or point its ends, as shown at *a*, though this is not absolutely essential, and I then fold this strip flatwise at or about its center, and inclose in the bend or fold *a'* a transverse bar or piece, *b*, the prongs *c c* of the strip A, below said cross-piece, being lapped closely together, as shown in the accompanying drawings, and constituting practically one prong, which will readily enter a single slit or hole in the papers or materials to be bound or fastened together.

B in the drawings represents a shallow circular cup, of an internal diameter about equal to the length of the cross-piece *b*, and to complete the fastener I inclose the said cross-piece and the bend of the strip A together in the cup B and turn the edge or wall of such cup inward below the cross-piece and so as to tightly inclose and adhere to the latter, as shown in Fig. 1 of the drawings.

To bind papers or other materials together with my fastener, a slit is made in such material, and the prongs *c c* passed together, as one, through such slit, and turned over in opposite directions from each other upon the under side of said material, the button or head B bringing up against the front side of such material.

My fastening is strong, neat, durable, and can be furnished at low cost.

I am aware that for many years fastenings for attaching ornaments to bridles, &c., have been in extensive use in which a thin strip of ductile metal is folded to provide two prongs, which are lapped closely together to enter one hole and turn down upon the inside of the material, while the bend of the strip is inserted and secured within a cup-head; and I am also aware that, later, various patents have been issued in the United States for improvements in fastenings of this character, notably among them the following: No. 162,183, April 20, 1875, No. 199,085, January 8, 1878. I therefore lay no claim broadly to a paper-fastening composed of a thin strip of metal folded and lapped to produce prongs and provided with a head, as stated; but

I claim as my invention the following:

A paper-fastener composed of a bent strip of metal, a cross-piece inclosed in the fold of the strip, and a cap or head inclosing the cross-piece and the bend of the strip, substantially as explained.

E. A. G. ROULSTONE.

Witnesses:

M. BAILEY,
W. E. CHAFFEE.