G. W. McGILL.
Metallic-Fasteners.

No. 210,048. Patented Nov. 19, 1878.

Fig. 1.

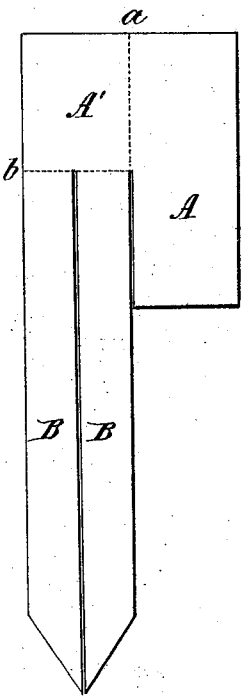


Fig. 2.

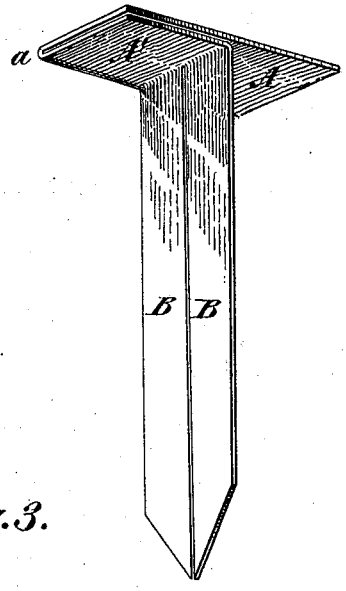


Fig. 3.

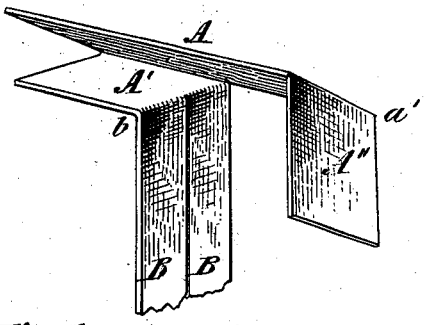


Fig. 5.

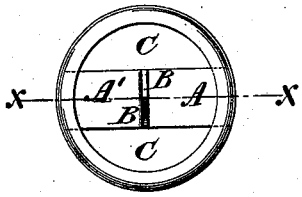


Fig. 4.

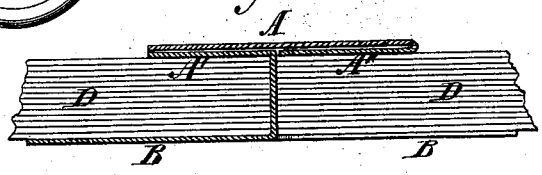
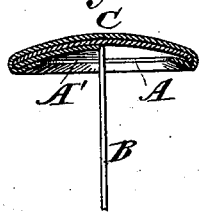


Fig. 6.



Witnesses.

M. L. McGill

Gustave Dieterich

Inventor.

George W. McGill

UNITED STATES PATENT OFFICE.

GEORGE W. McGILL, OF NEW YORK, N. Y.

IMPROVEMENT IN METALLIC FASTENERS.

Specification forming part of Letters Patent No. **210,048**, dated November 19, 1878; application filed March 28, 1878.

To all whom it may concern:

Be it known that I, GEORGE W. McGILL, of the city, county, and State of New York, have invented a new and useful Improvement in Metallic Fasteners; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawing, making part of this specification, and to the figures and letters of reference marked thereon.

My invention relates to that class of metallic fastenings known to the trade as "McGill's paper-fasteners," wherein, the fastener being in a T shape, its shanks make only a single hole in the papers or other articles which it is designed to connect, the two shanks opening from each other after passing through the papers, and confining said papers between said shanks and the head of the fastener.

The manner in which I construct the fastener which I now seek to patent is as follows: I cut from a sheet of suitable metal a blank of the shape shown in Figure 1, consisting of the head portion A A′ and the vertically-split prong B B. By means of a suitably-constructed machine I bend the blank so cut into the form shown in Fig. 2. This is done by bending the split prong B B on the line *b* to a position at right angles to the head-piece, and bending on the line *a* that portion of the head-piece marked A over on its portion marked A′, so as to give the fastener the T form called for.

Fig. 3 represents the blank having a supplemental lap, A″, intended to be folded on the line *a′* in under that end of the head-piece A to which it is attached, so as to give the head of the fastener a uniform thickness of metal, as shown in the sectional Fig. 4.

Fig. 5 represents a bottom view of the fastener constructed as shown in Fig. 2, having a metallic cap or button-head, C, closed in upon it, as is shown in Fig. 6, which latter figure is a sectional view of Fig. 5, taken on the line *x x* of that figure.

The vertically-split prong B B of the fastener so formed is run through the papers or other articles to be connected, and its members B B are separated and bent down on the other side of the same, so as to confine the said articles between them and the head of the fastener, as shown in Fig. 4, wherein D D represent the articles bound.

The novelty of this invention consists in the manner in which its head is constructed, in connection with its vertically-split shank; and the object of this peculiar construction of its head is to give the device greater strength than it would have were the head folded from metal forming a lengthened and unslit extension of the prong B B, the side connection and fold of the part A bracing the head and preventing it from being pulled up or unfolded by any strain applied to either end of the head or on the part of the articles bound.

I do not claim herein a fastener consisting of a metallic prong with an enlarged head, the prong being split vertically through its center to its head, so as to form two prongs cut lengthwise with its head and arranged edgewise to each other, and turned under its head at right angles thereto.

What I do claim herein as new, and desire to secure by Letters Patent, is—

A T-shaped metallic fastener consisting of the vertically-split prong B B, having its end extension, A′, and side extension, A, bent and folded to form the fastener-head, as herein described, for the purposes specified.

GEORGE W. McGILL.

Witnesses:
M. L. McGILL,
GUSTAVE DIETERICH.