

G. W. MCGILL.

Suspending Ring or Fastener.

No. 162,185.

Patented April 20, 1875.

Fig. 1.

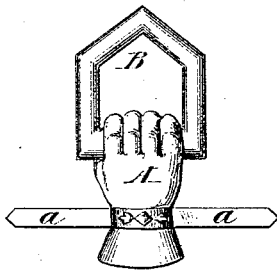


Fig. 2.

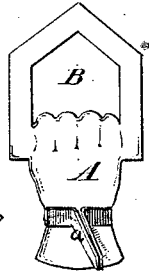


Fig. 3.

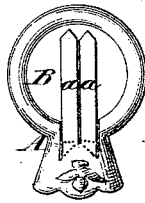


Fig. 4.

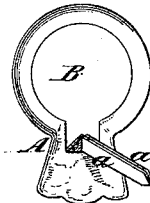


Fig. 5.

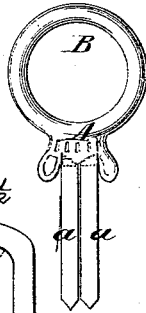


Fig. 6.

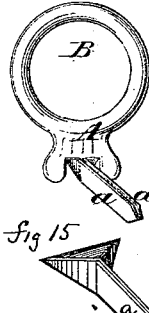


Fig. 7.

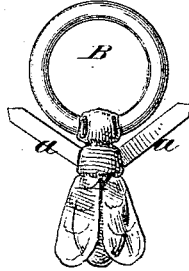


Fig. 8.

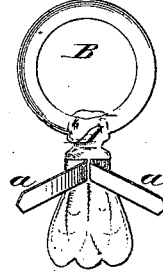


Fig 4 1/2

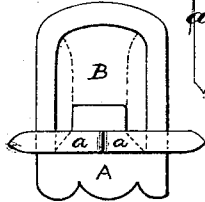


Fig 15

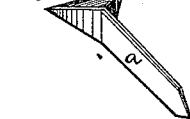


Fig. 9.

Fig. 10.

Fig. 11.

Fig. 13.

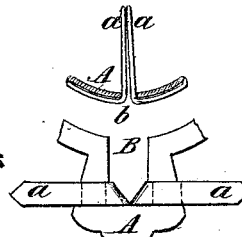
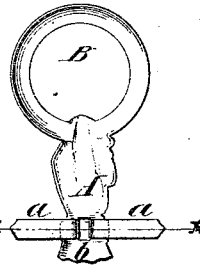
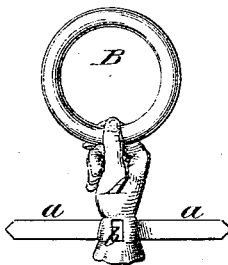
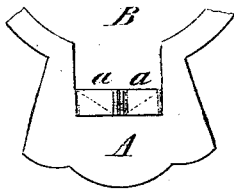


Fig. 14.

INVENTOR:

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WITNESSES:

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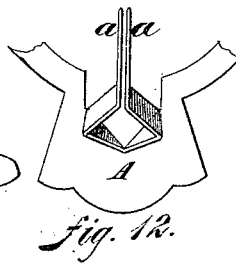


Fig. 12.

UNITED STATES PATENT OFFICE.

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

IMPROVEMENT IN SUSPENDING RINGS OR FASTENERS.

Specification forming part of Letters Patent No. 162,185, dated April 20, 1875; application filed January 20, 1875.

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 Improved Mode of Constructing the Suspending-Fastener shown in Fig. 2 of the United States Letters Patent issued to me July 24, 1866, No. 56,587; 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.

The object of this improvement is to save material in the construction of the said device.

In the drawing, Figures 1 and 2 represent a front and back view of the suspending-fastener shown in Fig. 2 of the above-named Letters Patent, differing therefrom only in configuration. A is the body or head of the fastener. B is a hole in the same, through which enters the nail upon which the fastener is hung, and *a a* are arms extending from each side of the head of the fastener. These arms are bent down and under the head or body A into a T shape, the arms being in close contact and forming a double shank, as shown in Fig. 2.

When it is desired to suspend a card or other paper by means of this device, the double shank formed by the arms *a a* is forced through the card and separated on the other side, thereby clamping the card between the head and arms of the fastener, and the device is hung by means of the hole B, as before described.

Figs. 3 and 4 represent a front and back view of the fastener, with the arms *a a* cut from the body of the fastener and extending into the hole B. The arms *a a* are bent down and swaged into close parallel contact, so as to form a double shank, as shown.

Fig. 4½ represents a modified view of Fig. 4. Figs. 5 and 6 represent a front and back view of the fastener constructed the same as in Figs. 3 and 4, but having the arms *a a* cut lengthwise with the head A. Figs. 7 and 8 represent a front and back view of the fastener, with the arms *a a* cut in a V shape, and bent or swaged into position in a similar manner; and Figs. 12, 13, 14, and 15 are detail views of the manner in which the arms *a a* may be bent and swaged into the T form required.

In making the fastener from the blanks shown in Figs. 3 and 4½ two-thirds of the metal used when making it from the blank shown in Fig. 1 is saved, and when made from the blanks shown in Figs. 5 and 7 about one-half of the metal is saved.

The arms *a a* of the fastener may be brought in parallel contact with each other by turning them up over the body of the fastener and running them through the center hole *b*, as shown in Figs. 9, 10, and 11. By doing so they will be held together at their base as snugly as they are when bent or swaged as shown in Fig. 15.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an improved article of manufacture, my said suspending-fastener, stamped with an integral base from a single piece of metal, and bent and swaged into the form substantially as herein represented, the same being as and for the purposes herein set forth.

GEORGE W. MCGILL.

Witnesses:

JNO. W. MCGILL,
WM. P. ECKART.