

M. FOWLER.
HOOK FOR GARMENTS.

No. 41,213.

Patented Jan. 12, 1864.

Fig. 1.

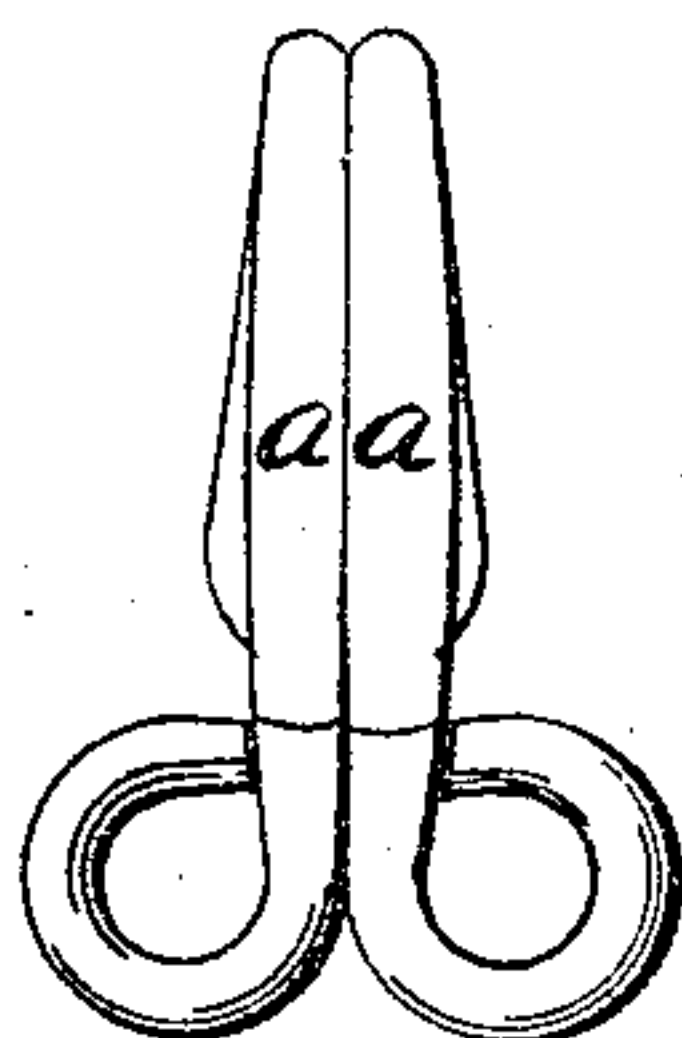
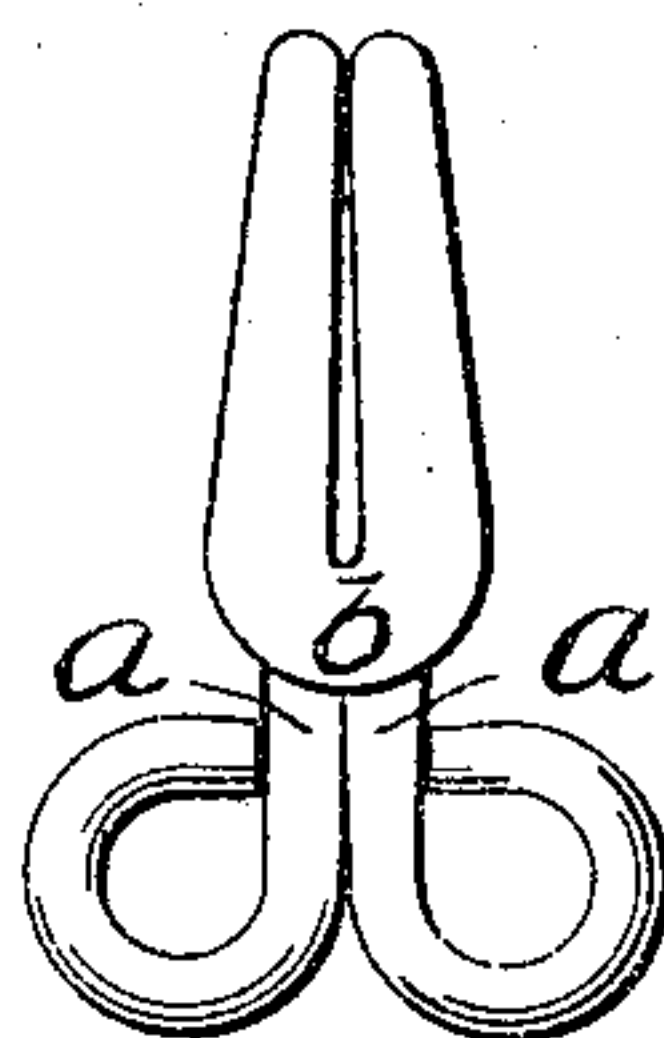


Fig. 2.



Witnesses:

Thos. B. Douglas
J. Robertson.

Inventor:

Matthys Fowler

UNITED STATES PATENT OFFICE.

MALTBY FOWLER, OF NORTH BRANFORD, CONNECTICUT.

IMPROVEMENT IN HOOKS FOR GARMENTS.

Specification forming part of Letters Patent No. 41,913, dated January 12, 1864.

To all whom it may concern:

Be it known that I, MALTBY FOWLER, of North Branford, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Hooks for Fastening Garments; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a back view of a hook with my improvement. Fig. 2 is a face view of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention consists in uniting the two portions of the wire of which the back of the hook is formed by means of the coating of tin or other metal or alloy which is used for what is called the "whitening" of the hook, whereby the back is materially strengthened.

The hook is constructed of iron or other metal wire in the usual or any suitable form, and the two portions *a a*, which form the back, are brought so close together that on the hook being dipped in or agitated in contact with the molten whitening metal the said portions will be united by the said metal entering between them. I prefer to perform the whitening by placing the hooks in a heated pot with a quantity of the whitening metal and giving the said pot such a motion as to agitate the hooks and the whitening metal together.

The coating of hooks by a tinning process after they have been formed is a new feature and enables iron wire to be successfully used in the manufacture.

Hooks are commonly made of brass wire and silvered after being formed.

All previous attempts to make iron hooks have been by using tinned wire, and the cutting and bending of the hooks left some portions untinned and rendered them liable to rust.

The whitening metal used in the manufacture of my hook may consist of pure tin, or of any suitable alloy composed principally of tin, and which when cold has sufficient tenacity to hold together the two portions *a a* of the wire which form the back of the hook.

The two portions which form the bill may be united in the same manner as the two portions of the back, or may be left a little open. So much strength is not required in the bill as in the back, but it is wanted as wide as possible.

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

A hook having the two portions *a a* of the wire which form its back united by the whitening metal or alloy, substantially as and for the purpose herein specified.

MALTBY FOWLER.

Witnesses:

THOS. S. J. DOUGLAS,
D. ROBERTSON.