

No. 764,909.

PATENTED JULY 12, 1904.

J. A. BARTLETT.
WATCH CHAIN HOOK.

APPLICATION FILED SEPT. 25, 1903.

NO MODEL.

Fig. 1.

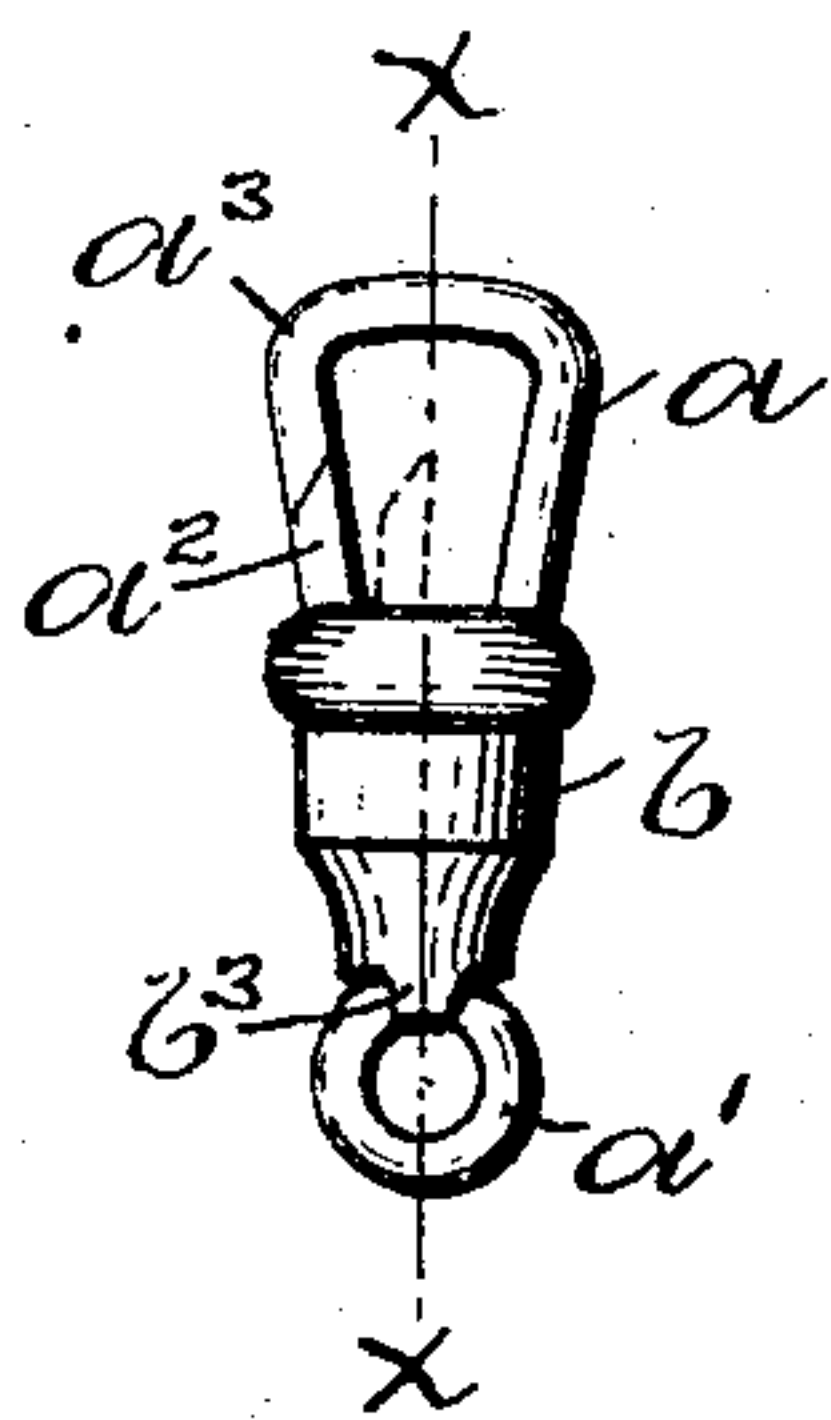


Fig. 2.

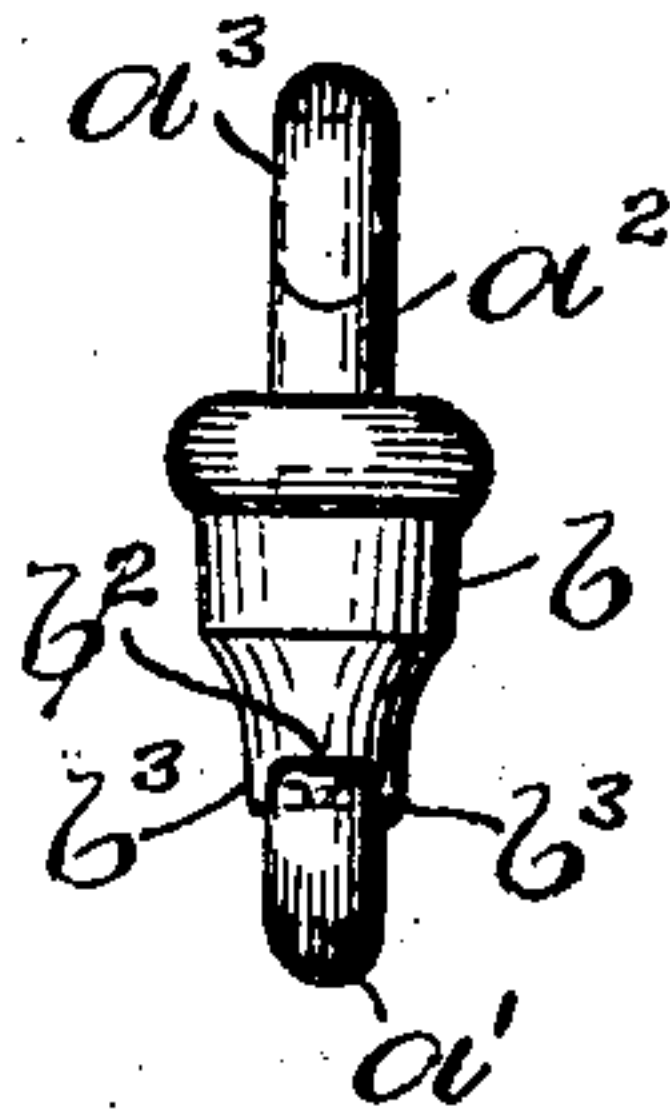


Fig. 3.

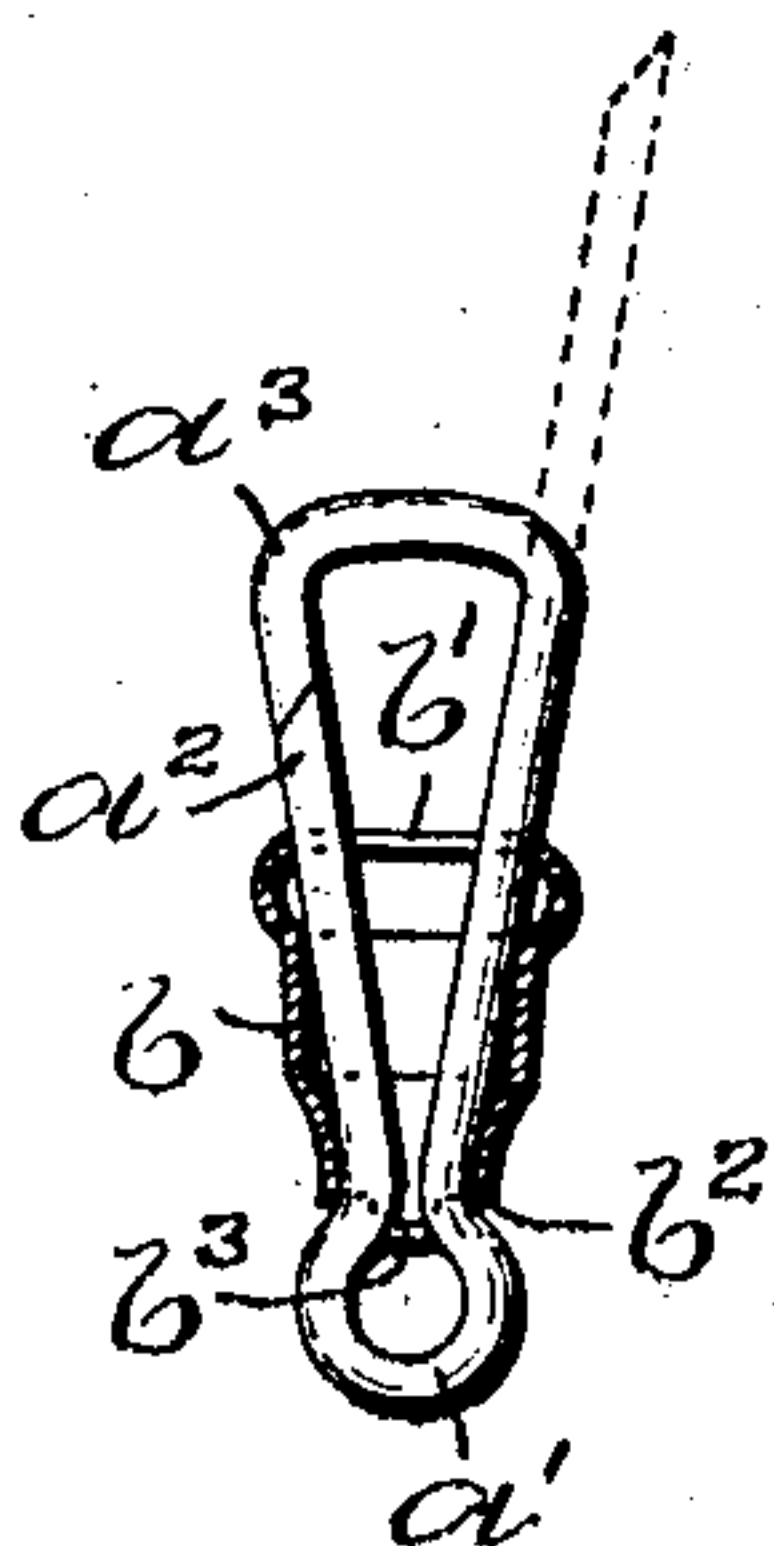
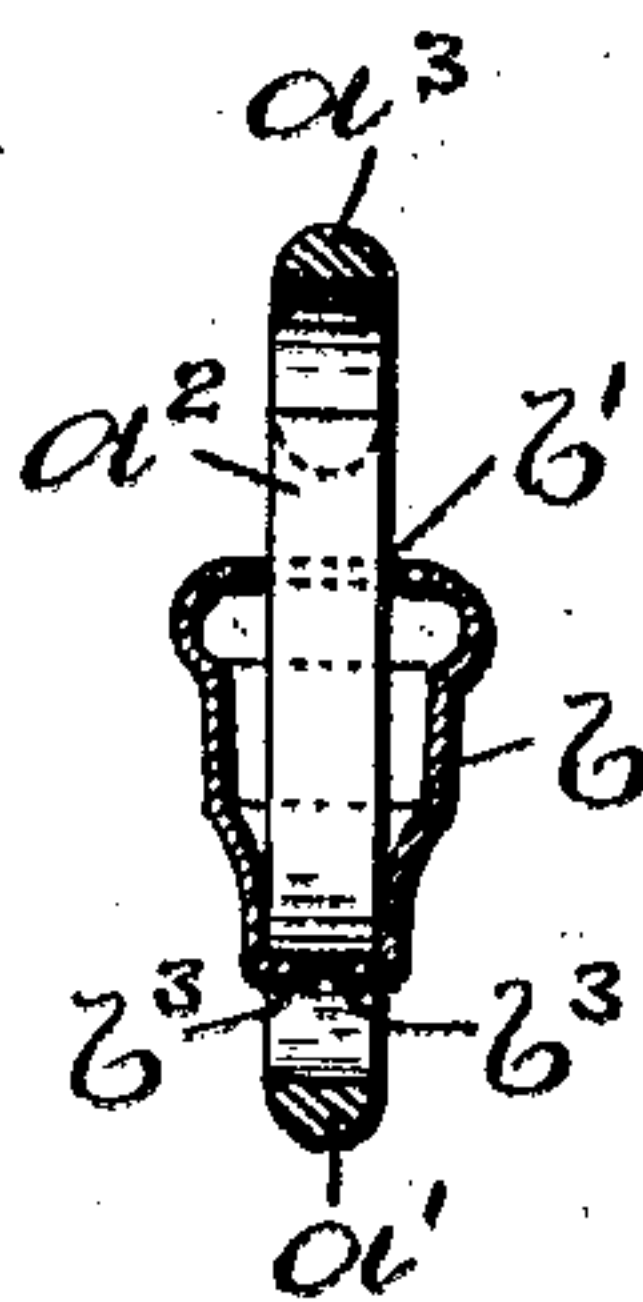


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES A. BARTLETT, OF ATTLEBORO FALLS, MASSACHUSETTS, ASSIGNOR
TO McRAE & KELLER, OF ATTLEBORO, MASSACHUSETTS, A FIRM.

WATCH-CHAIN HOOK.

SPECIFICATION forming part of Letters Patent No. 764,909, dated July 12, 1904.

Application filed September 25, 1903. Serial No. 174,547. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. BARTLETT, a citizen of the United States, residing at Attleboro Falls, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Watch-Chain Hooks, of which the following is a specification.

This invention has reference to an improvement in snap-hooks used for watch-chains or similar articles.

Snap-hooks as heretofore constructed of spring-wire only and as used for watch-chains or similar articles are weak in construction and unfinished in appearance, and the tongue is liable to get bent sidewise or pulled out from under the hook.

The objects of my invention are to strengthen the construction and improve the appearance of a spring-wire snap-hook, and I accomplish these objects by inclosing the shank of the hook in a sleeve and mechanically securing the sleeve to the shank of the hook, thereby preventing side movement of the tongue or an outward movement of the tongue beyond the end of the hook.

My invention consists in the peculiar and novel construction of a spring-wire snap-hook and a strengthening-sleeve mechanically secured to the shank of the hook by fingers forming a part of the sleeve and bent into the lower open end of the shank forming the ring of the hook, as will be more fully set forth hereinafter.

Figure 1 is a side view of my improved snap-hook, showing the tongue of the hook in its inward position in broken lines. Fig. 2 is an edge view of the hook. Fig. 3 is a side view of the hook, showing the strengthening-sleeve in section and the arm forming the hook in its straight position in broken lines; and Fig. 4 is a sectional view taken on line X X of Fig. 1, showing the fingers on the lower end of the sleeve bent into the open end forming the ring of the hook.

In the drawings, *a* indicates a loop constructed of half-round spring-wire, and *b* a

sleeve drawn up from sheet metal to form a hollow body having the appearance of a watch-chain swivel-body. The loop *a* is contracted near its lower end to form the ring *a'*. One side of the loop is shaped to form the tongue *a²* and the other side carried upward and over to form the hook *a³*, the ends of the tongue and hook abutting at an angle, as shown in Figs. 1 and 3. The sleeve *b* is contracted at the top to form the elongated opening *b'* in the top and has the open lower end *b²*, from which extend the fingers *b³ b³*. The sides of the loop *a* are brought together and inserted into the sleeve *b* through the lower open end *b²*, with the side forming the hook *a³* in its straight position, as shown in broken lines in Fig. 3. It is now bent over to form the hook *a³*. The sleeve *b* is secured on the loop by bending the fingers *b³ b³* inward over the contracted portion of the loop forming the ring *a'*, as shown in Fig. 4. The sides forming the tongue *a²* and the hook *a³* extend upward through the elongated opening *b'* in the sleeve and are prevented by the walls of the opening from moving sidewise or outward, thereby strengthening and improving the appearance of the hook.

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

1. In a spring-wire watch-chain hook, a hook-shaped member having a spring-tongue and a ring, means for strengthening the hook-shaped member, consisting of a sleeve through which the hook-shaped member extends, and means for securing the sleeve on the hook-shaped member, consisting of fingers on the sleeve bent into the ring of the member, as described.

2. In a spring-wire watch-chain hook, the combination of the spring-wire loop *a* shaped to form the ring *a'*, the spring-tongue *a²*, and the hook *a³*, and the sleeve *b* contracted at its upper end to form the elongated opening *b'* and having the open lower end *b²* from which extend the fingers *b³ b³*, bent into the ring *a'* of the hook, as described.

3. In a watch-chain hook, the combination
with an engaging member, of an integral loop
upon the lower extremity of said member, a
body portion embracing the latter, and in-
5 turned ears upon the body portion engaging
the engaging member.

In testimony whereof I have signed my name

to this specification in the presence of two sub-
scribing witnesses.

JAMES A. BARTLETT.

Witnesses:

J. A. MILLER, Jr.,

ADA E. HAGERTY.

It is hereby certified that the name of the assignee in Letters Patent No. 764,909, granted July 12, 1904, upon the application of James A. Bartlett, of Attleboro Falls, Massachusetts, for an improvement in "Watch-Chain Hooks," was erroneously written and printed "McRae & Keller," whereas said name should have been written and printed *McRae & Keeler*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 26th day of July, A. D., 1904.

[SEAL.]

E. B. MOORE,

Acting Commissioner of Patents.