

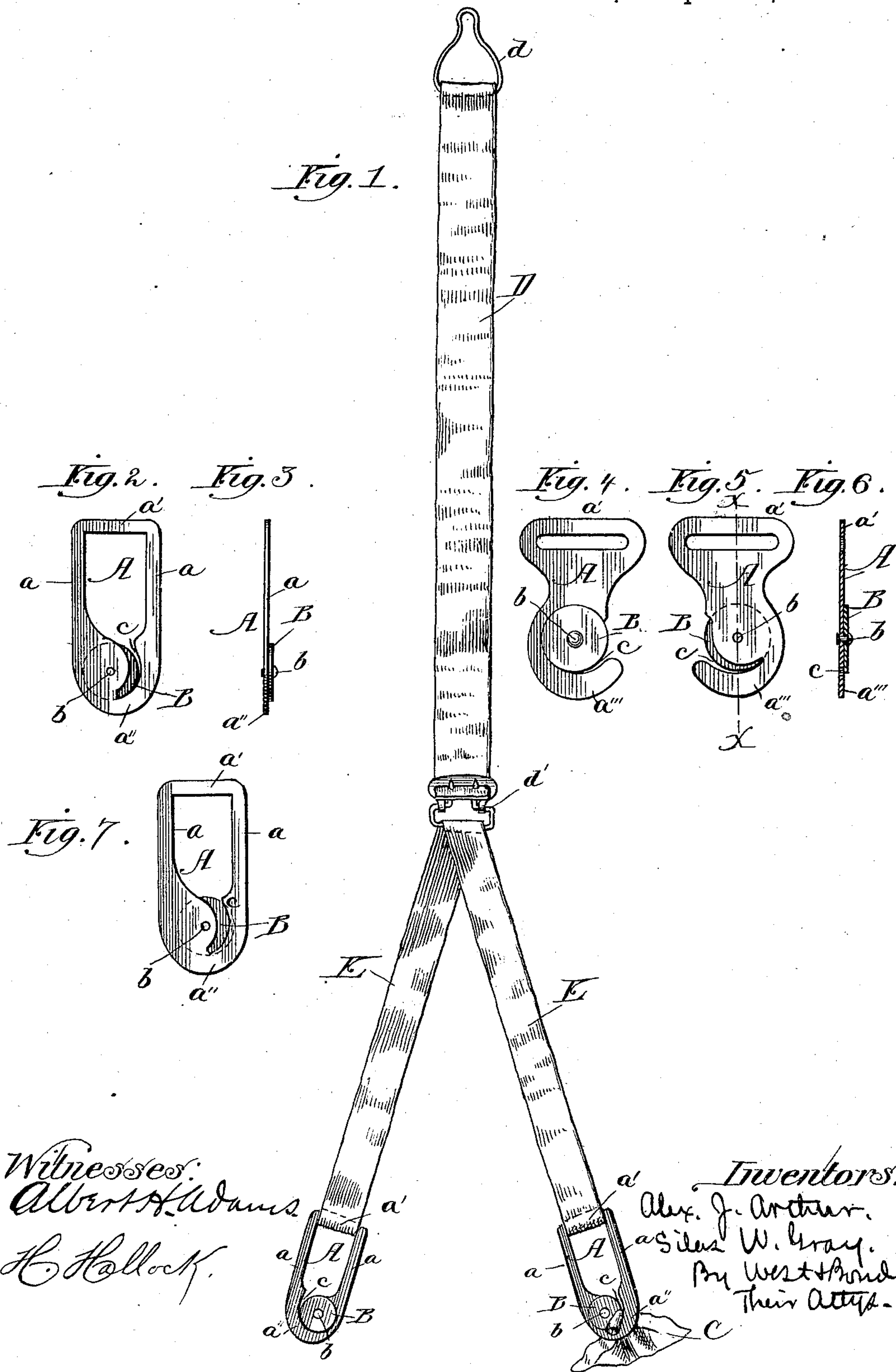
(No Model.)

A. J. ARTHUR & S. W. GRAY.

STOCKING SUPPORTER.

No. 369,678.

Patented Sept. 13, 1887.



UNITED STATES PATENT OFFICE.

ALEXANDER J. ARTHUR AND SILAS W. GRAY, OF FORT DODGE, IOWA.

STOCKING-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 369,678, dated September 13, 1887.

Application filed February 5, 1887. Serial No. 226,689. (No model.)

To all whom it may concern:

Be it known that we, ALEXANDER J. ARTHUR and SILAS W. GRAY, residing at Fort Dodge, in the county of Webster and State of Iowa, and citizens of the United States, have invented a new and useful Improvement in Stocking-Supporters, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation showing the supporter as a whole in position for use; Fig. 2, a side elevation of the clasp; Fig. 3, an edge view of the same; Figs. 4 and 5, side elevations showing a modification of the clasp; Fig. 6, a vertical section on line *x x* of Fig. 5; Fig. 7, a side elevation showing the disk entirely overlying the slot.

This invention relates to an improved clasp for a stocking or garment support designed to be secured to the ends of the elastic webbing or other material forming a part of such supporter, and has for its object to provide a cheap and effective clasp that can be quickly, easily, and firmly attached to the article to be supported; and its nature consists in providing a frame formed from a piece of thin metal and having a curved slot near its attaching end, in which a portion of the garment intended to be supported is inserted, its retention being secured in such slot by engagement with the periphery of a disk pivotally secured to the frame and partially overlying the slot, as shown in Figs. 1 and 2.

In the drawings, A represents the frame, consisting of the side pieces, *a*, an end piece, *a'*, and an end piece, *a''*, which end piece *a''* is rounded off on the outer edge, and is of a width to allow of the proper attachment of the disk, and the formation of a curved slot, *c*, therein. These parts *a a' a''*, which together form the frame A of the clasp, can be made from sheet-brass or other thin or sheet metal or material.

B is a disk or wheel, also made from sheet-brass or other suitable material, and pivoted to the portion *a''* of the frame by a pin or

pivot, *b*, in such manner that its periphery will partly overlie the slot *c*, such overlay gradually increasing from the mouth or opening of the slot to its inner end, at which point the slot is almost entirely covered by the projecting edge of the disk B.

C represents a portion of the article to be supported in position in the clasp.

D are straps of elastic webbing or other suitable material, provided at one end with a retaining-loop, *d*, and at its other end with a buckle, *d'*, as usual.

E is a strap, also made from elastic webbing or other material, which is passed through a loop in the buckle *d'* and crossed and sewed at its center, as shown, and adapted to have its ends on opposite sides of the leg of the wearer when used to support a stocking. The ends of this strap E are secured to the part *a'* of the frame of the clasp by being passed around such part and stitched, as shown, or in any other suitable manner.

In use as a stocking-supporter the strap D is fastened, as usual, to the waist of the wearer by the loop *d*, and the clasps fastened on opposite sides of the stocking. A small portion of the material forming the stocking is placed in the mouth of the slot *c*, and a slight pull upward on the clasp draws such material between the edge of the slot and the periphery of the disk, and as the slot grows narrower toward its inner end, the farther in the material goes the tighter it is held between the disk and the edge of the slot, the turning of the disk on its axis *b* aiding the cloth in entering the slot.

In Figs. 4, 5, and 6 we have shown a modification in the form of the clasp, in which a solid frame, A, is used in place of the open frame A of the other figures. In this construction a lip or tongue, *a'''*, is used, and the slot *c* is formed between this lip or tongue and the body of A, the slot having its mouth toward the side of the clasp instead of the end, as heretofore described. The clasps in both constructions can be made in rights and lefts, for convenience in attaching.

If desired, the disk B may be so pivoted as to entirely overlie the slot *c*. This construction is shown in Fig. 7.

What we claim as new, and desire to secure by Letters Patent, is as follows:

1. A clasp for a stocking or other supporter, consisting of a frame having a curved slot, *c*, in combination with a disk B, substantially as specified.

2. The combination of the frame A, having to the slot *c*, and the disk B, in combination with the straps D E, substantially as and for the purpose specified.

ALEX. J. ARTHUR.
SILAS W. GRAY.

Witnesses:

FRED. E. HUMPHREYS,
ANSEL HUMPHREYS.