

No. 725,922.

PATENTED APR. 21, 1903.

L. N. BEDFORD.
HOOK AND EYE.

APPLICATION FILED AUG. 30, 1900.

NO MODEL.

Fig. I

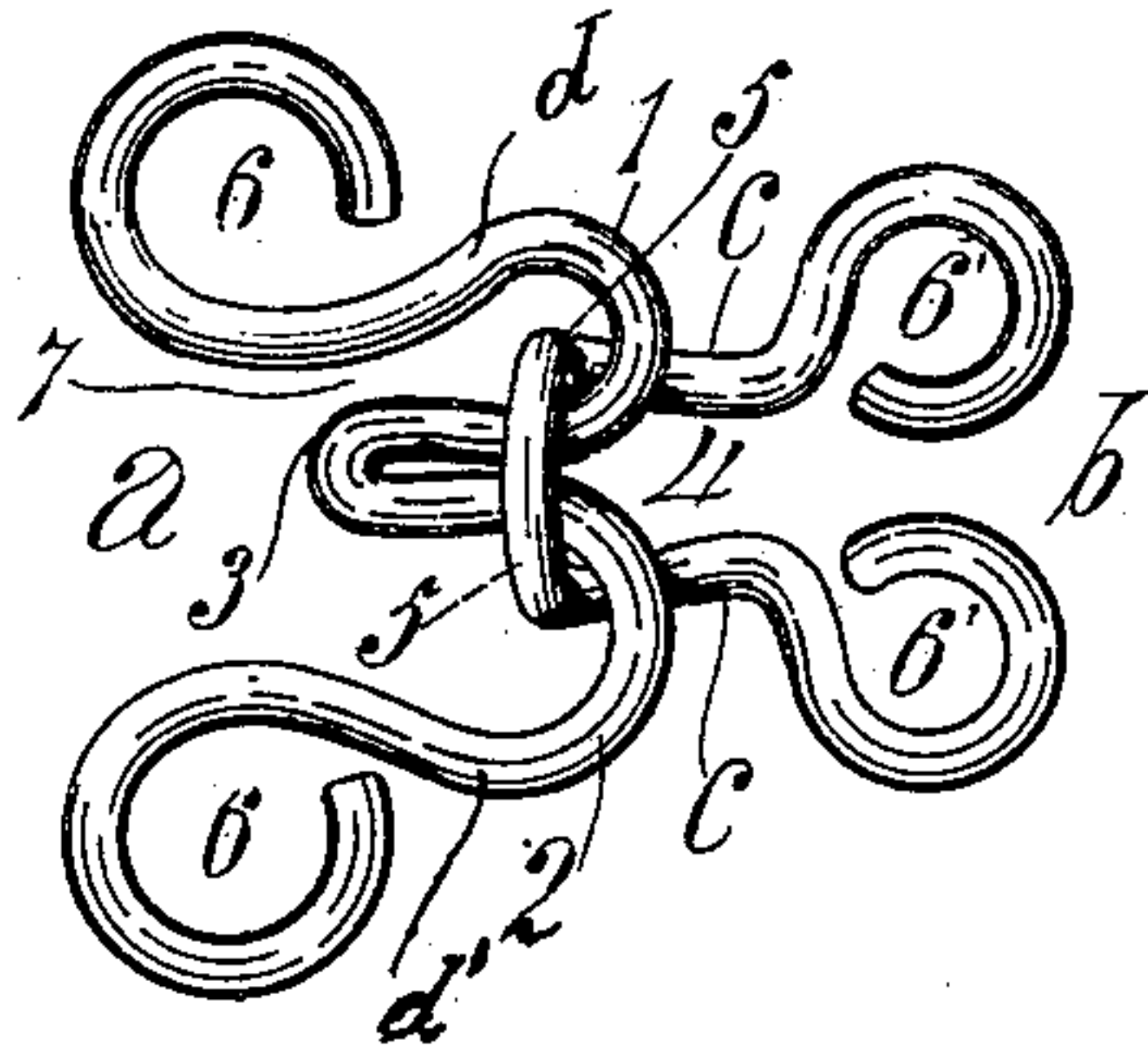


Fig. II

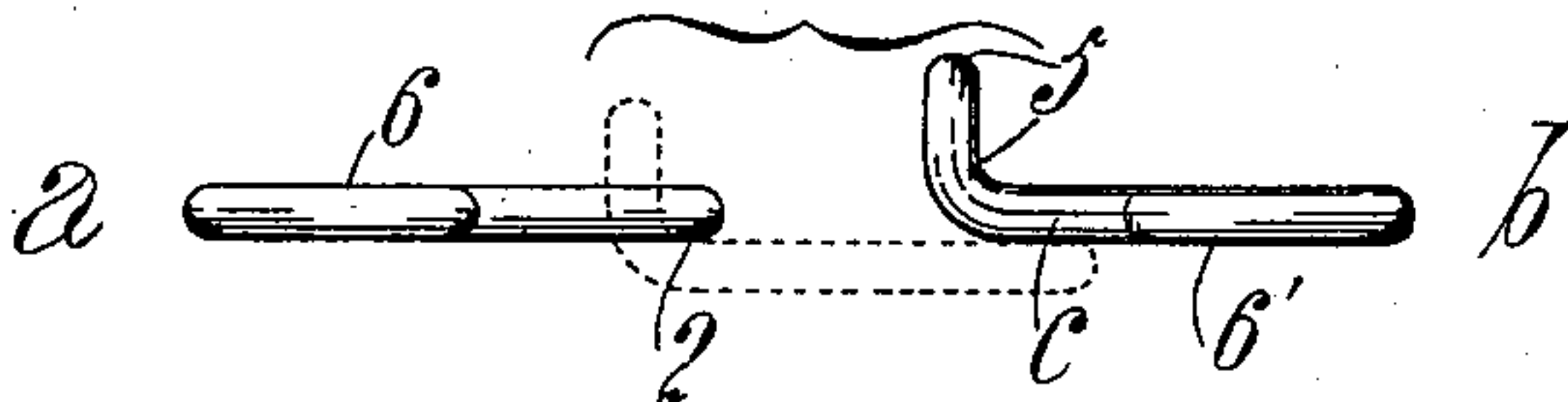


Fig. III

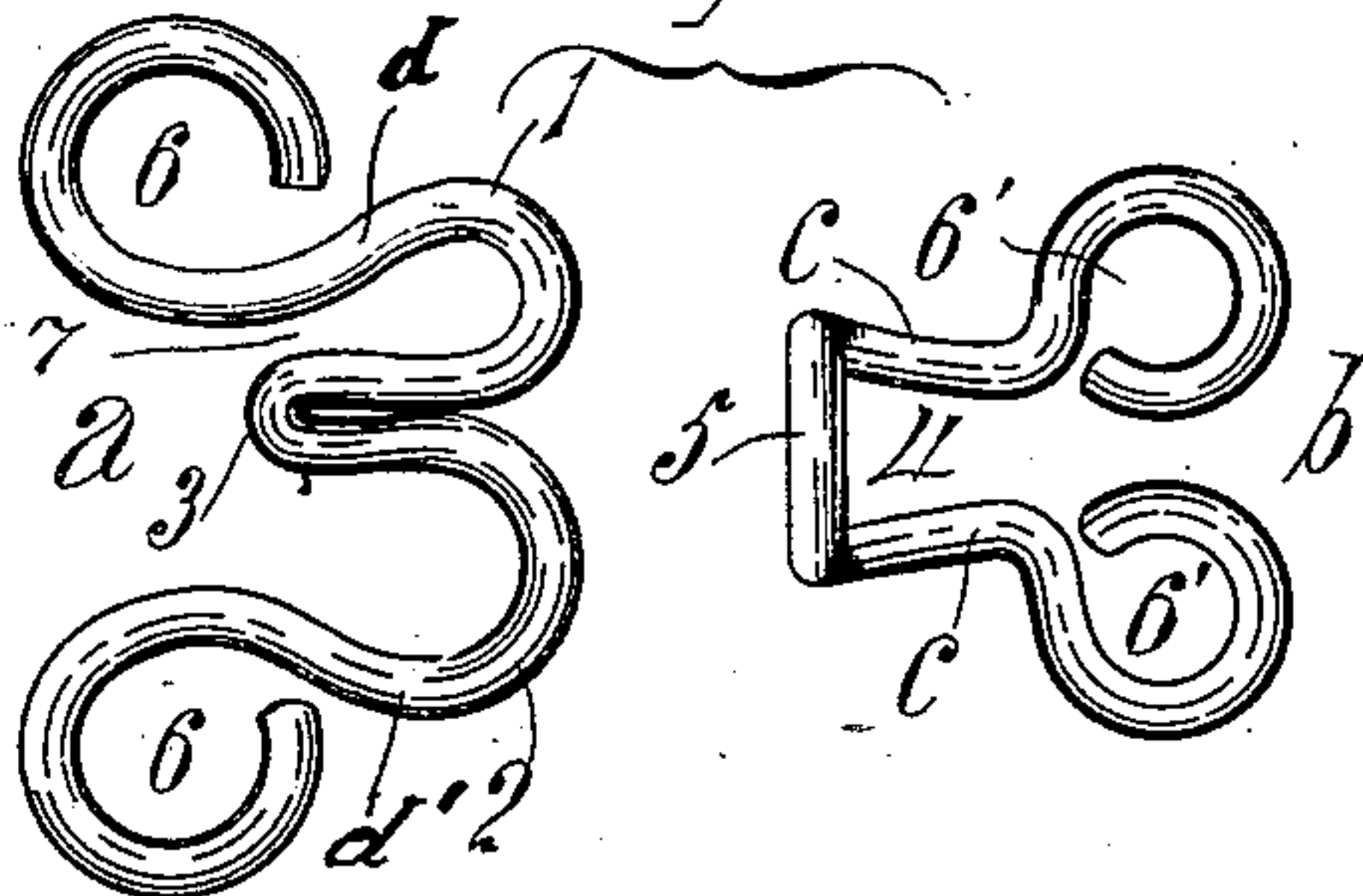
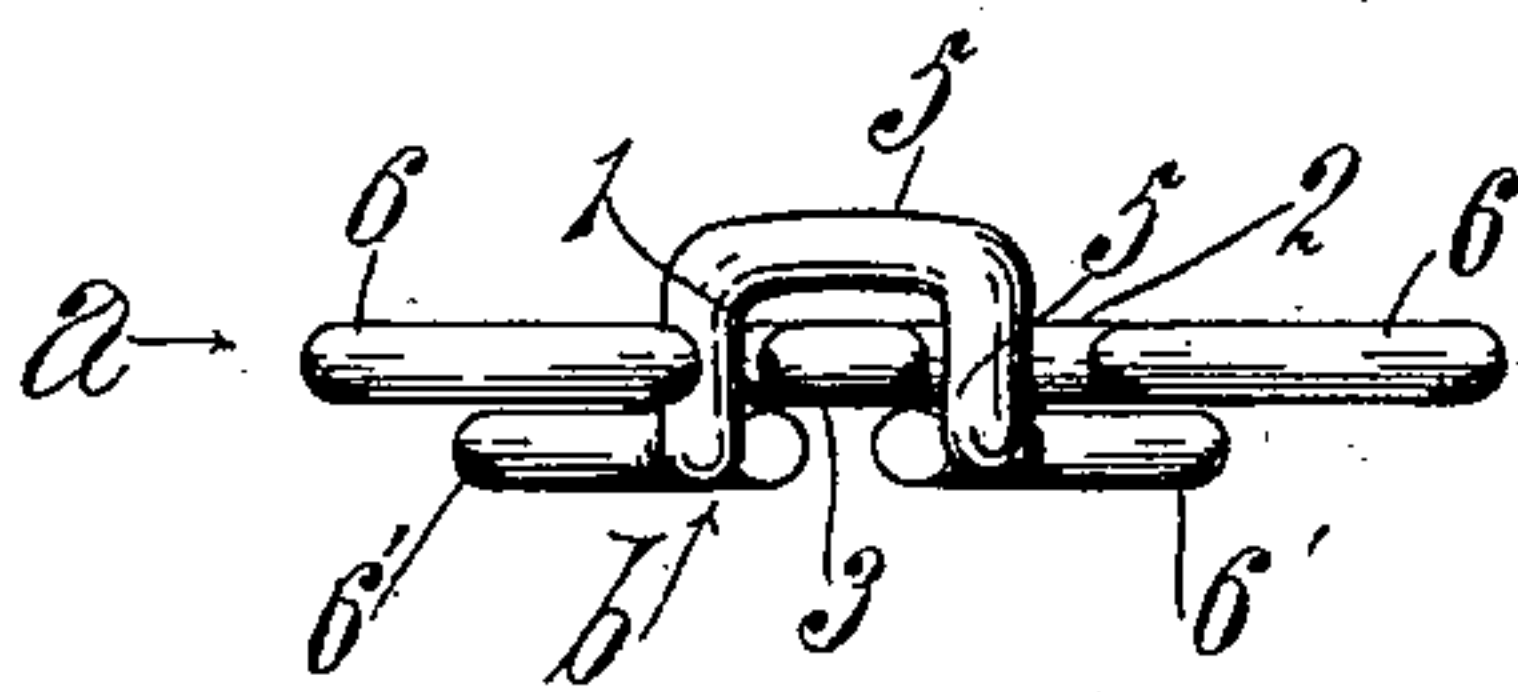


Fig. IV



Witnesses
Severyngman.
J. Townsend.

Signature
Lyman N Bedford
by Townsend Bros.
his Atty.

UNITED STATES PATENT OFFICE.

LYMAN N. BEDFORD, OF LOS ANGELES, CALIFORNIA.

HOOK AND EYE.

SPECIFICATION forming part of Letters Patent No. 725,922, dated April 21, 1903.

Application filed August 30, 1900. Serial No. 28,567. (No model.)

To all whom it may concern:

Be it known that I, LYMAN N. BEDFORD, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Hook and Eye, of which the following is a specification.

The object of my invention is to provide a superior, cheap, and simple hook and eye which is readily fastened and unfastened, but is secured against accidental unfastening and is not liable to catch in the hair of the wearer or in lace or other portions of the clothing.

The accompanying drawings illustrate my invention.

Figure I is a view of the hook and eye fastened. Fig. II is a side elevation of the hook and eye unfastened. Dotted lines show the member *b* in the fastened position. Fig. III is a plan of the hook and eye unfastened. Fig. IV is an elevation from the left of Fig. I.

My newly-invented hook and eye comprises a member *a*, formed in two loops 1 2, the outer portions *d d'* thereof terminating in eyelets 6 6 and the inner portions terminating in an intermediate tongue 3, all lying in a common plane, and a member *b*, formed in an angled loop 4 to receive said tongue 3, having its end 5 bent at an angle to the plane of the main bodies of the side members *c c* of said angled loop, a space being formed between the eyelets 6 6 of the first-named member *a* beyond the point of the tongue 3 of said member to receive the bent portion 5 of the angled loop to guide it upon the tongue 3, the space between the tongue 3 of the first-named member and the portion *d* of said member being less than the thickness of the side member *c* of the angled loop, which is passed between said tongue and the loop member *d* in hooking and unhooking the members. The inlet in the one member for the loop 4 of the other member is contracted to resist the passage of the loop 4 therethrough on its way into and out of the hooked position. (Shown in Fig. I.) The members are preferably made of spring metal, so that the loop 4 of the one member will pass in and out of the other member with a resilient resistance.

The contracted inlet for the loop 4 may be produced in several ways, as will be readily understood. The drawings show the contraction at 7, where the space between the end of the tongue 3 and the outer limb of the loop 1 is narrower than the thickness or diameter of the side limb *c* of the loop 4. This form is preferred, leaving the space between the eyelets 6 6 of the member *a* wide enough to admit the loop 4 to the tongue 3 freely.

6' 6' designate eyelets in the member *b* corresponding to the eyelets 6 6 in the member *a*.

To fasten the hook and eye, the member *b* will be brought into position with the upturned portion 5 of the loop 4 between the eyelets 6 6 of the member *a* and with the tongue 3 ready to insert through said upturned portion. Then the members *a* and *b* are drawn apart, thus forcing the tongue through the loop 4 and bringing the side limbs *c c* of the upturned portion of said loop into the loops 1 and 2 of member *a*.

It is to be observed that each of the members *a* and *b* constitutes both a hook and eye.

I claim—

A hook and eye comprising a member forming two loops terminating in eyelets with an intermediate tongue, all lying in a common plane; and a member formed in an angled loop to receive said tongue having its end bent at an angle to the plane of the main bodies of the side members of said angled loop; a space being formed between the eyelets of the first-named member beyond the point of the tongue of said member to receive the bent portion of the second member to guide it upon the tongue, the space between the tongue of the first-named member and one of the portions of said member being less than the thickness of a side member of the angled loop.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at Los Angeles, California, this 22d day of August, 1900.

L. N. BEDFORD.

Witnesses:

JAMES R. TOWNSEND,
JULIA TOWNSEND.