

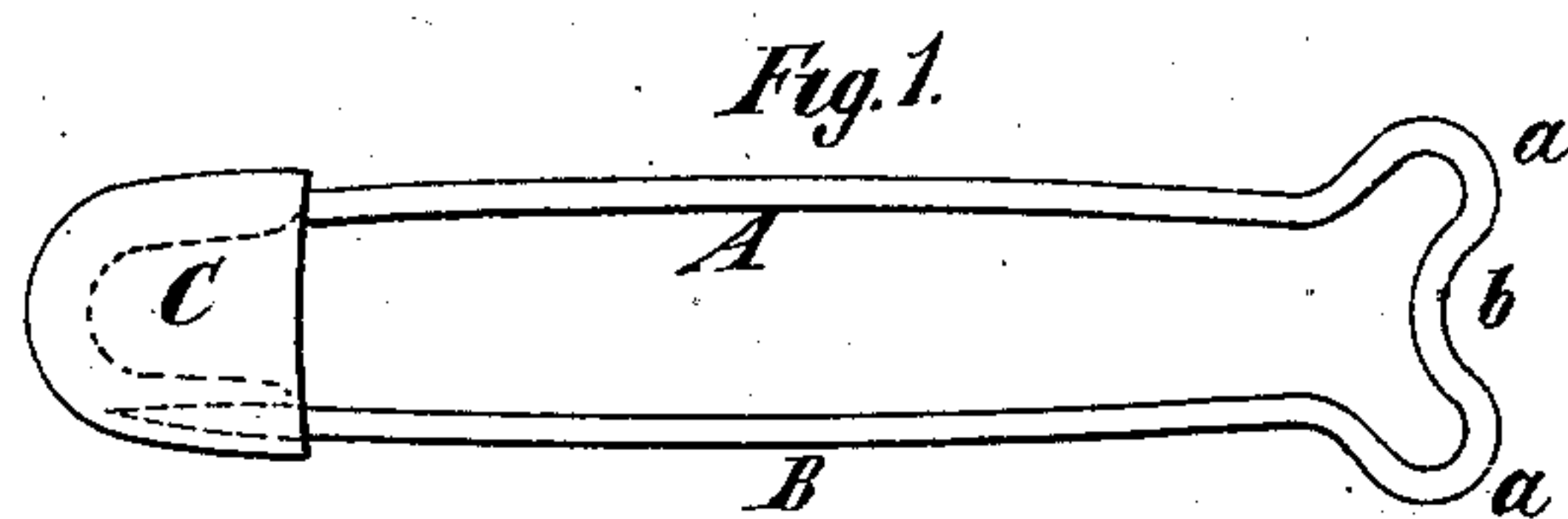
(No Model.)

W. F. HYATT.

SAFETY PIN.

No. 255,293.

Patented Mar. 21, 1882.



Witnesses

J. H. Kane
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Inventor

William F. Hyatt
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UNITED STATES PATENT OFFICE.

WILLIAM F. HYATT, OF BROOKLYN, NEW YORK.

SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 255,293, dated March 21, 1882.

Application filed July 22, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. HYATT, of Brooklyn, in Kings county, and State of New York, have invented a certain new and useful Improvement in Safety-Pins, of which the following is a specification.

My improvements relate particularly to those safety-pins which consist essentially of a wire bent to form two limbs with an intermediate spring, one limb having a shield permanently affixed to it, and the other limb being adapted to engage with such shield.

The object of my improvements is to produce the spring for such a pin in a simple and inexpensive manner.

The improvement consists in a safety-pin comprising two limbs, each having a bend extending laterally beyond it and a bend at the junction of the limbs, all the said bends being in the same plane with the limbs, and a shield, as hereinafter fully described.

In the accompanying drawings, Figure 1 is a side view of a safety-pin embodying my improvements; and Fig. 2 is a side view of a safety-pin of modified form, also embodying my improvements.

Similar letters of reference designate corresponding parts in both figures.

A and B designate the two limbs of the spring. Between or at the junction of these

two limbs are several wrinkles, corrugations, or bends, which form a spring of considerable extent, affording all necessary resilience between the limbs of the pin. In each pin shown in the drawings there are three wrinkles, corrugations, or bends. The pin shown in Fig. 1 has two wrinkles, corrugations, or bends, *a*, extending laterally outward beyond the limbs, and an intermediate inwardly-extending wrinkle, corrugation, or bend, *b*. In the pin shown in Fig. 2 all the wrinkles, corrugations, or bends *a b* extend outward. These springs throughout their extent are in the same plane with the limbs of the pins. To the ends of the limbs A of these pins shields C are rigidly attached, and the pointed ends of the limbs B may be engaged with and protected by the shields C.

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

The safety-pin consisting of the limbs A B, the bends *a* extending laterally outward beyond the limbs, and the bend *b* between or at the junction of the limbs, all said bends being in the same plane with the limbs, and the shield C, substantially as specified.

W. F. HYATT.

Witnesses:

T. J. KEANE,
JAS. R. BOWEN.