

No. 628,664.

Patented July 11, 1899.

D. W. IRVIN.

HAIR PIN.

(Application filed Apr. 21, 1898.)

(No Model.)

Fig. 1

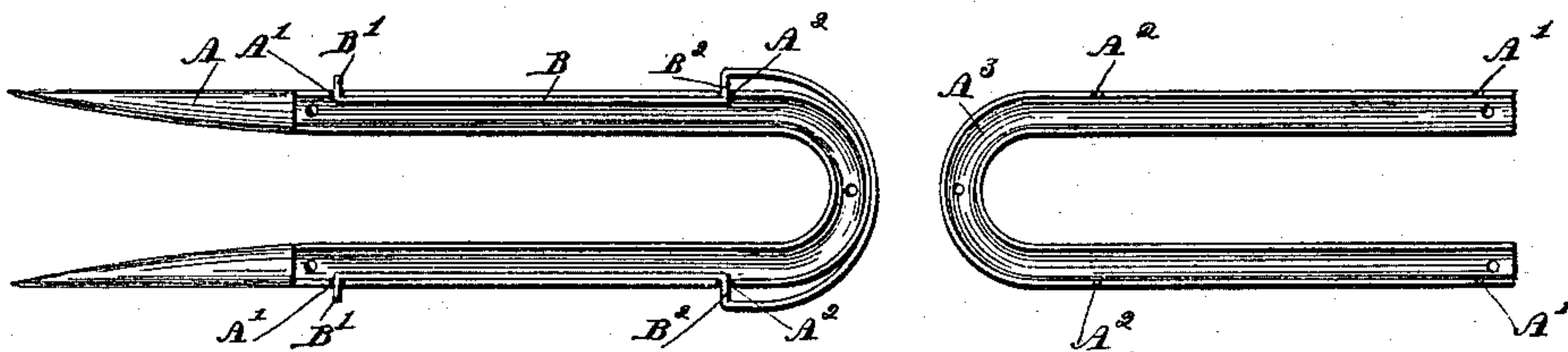
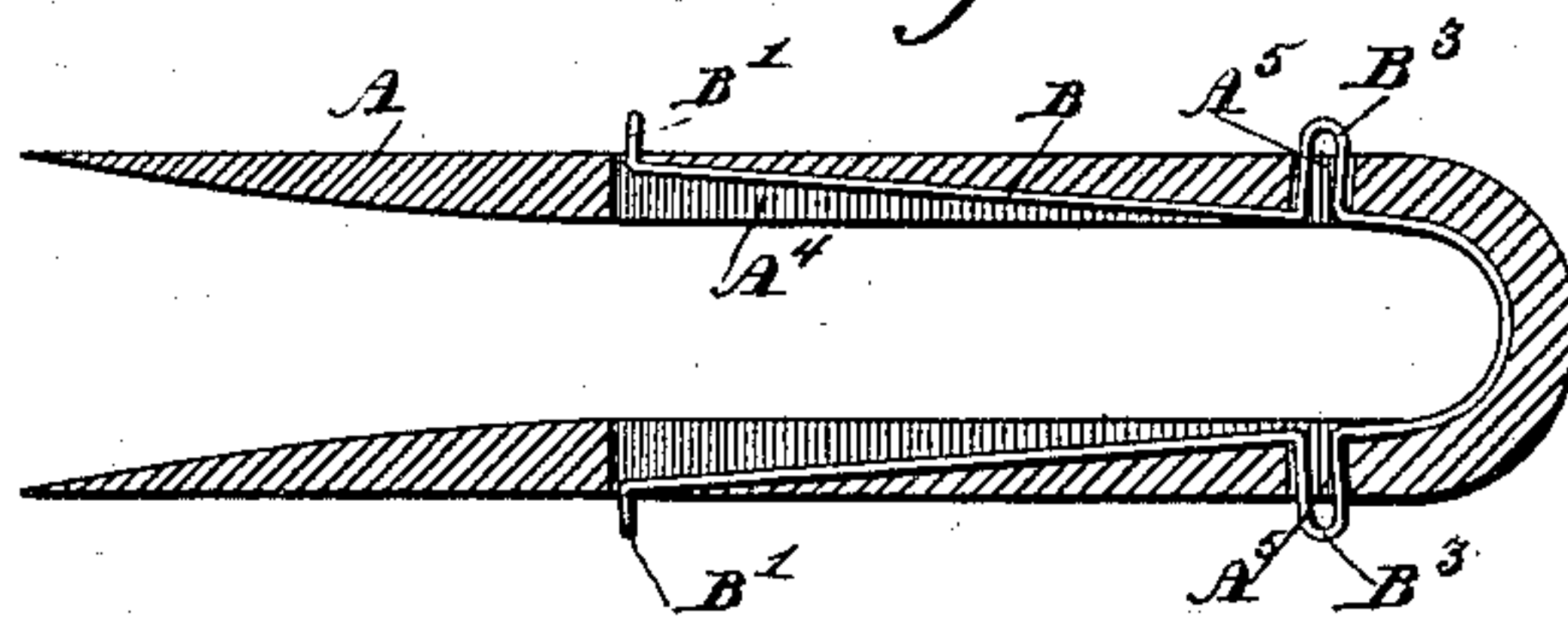


Fig. 2



Attest.
J. P. Goat.
S. V. Frank.

Inventor.
Daniel W. Irvin.
By J. M. St. John.
att'y.

UNITED STATES PATENT OFFICE.

DANIEL W. IRVIN, OF CEDAR RAPIDS, IOWA, ASSIGNOR OF ONE-HALF TO
GEORGE W. IRVIN, OF SAME PLACE.

HAIR-PIN.

SPECIFICATION forming part of Letters Patent No. 628,664, dated July 11, 1899.

Application filed April 21, 1898. Serial No. 678,445. (No model.)

To all whom it may concern:

Be it known that I, DANIEL W. IRVIN, a citizen of the United States, residing at Cedar Rapids, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Pins for Ladies' Head-Dress; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to hair-pins, hat-pins, and the like accessories of ladies' head-dress; and the object of the invention is to prevent the accidental detachment of such pins by providing them with retractile spurs or tangs to engage the hair after being thrust into it.

The nature of the invention is fully disclosed in the description and claim following, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view of a hair-pin embodying my invention, the looped portion being laid open to show the internal construction. Fig. 2 is a central longitudinal section of a similarly-shaped pin in the same plane as Fig. 1, but showing a modification in the construction of the spur-pointed spring.

Similar letters of reference indicate corresponding parts.

The device is designed to remedy one of the common defects in hair-pins, more particularly the large ones, and prevent their falling out, to the annoyance and sometimes the considerable loss of the wearer.

Referring to the drawings, A denotes a hair-pin of typical form, such as is usually made of metal, bone, shell, gutta-percha, or the like. This I provide with an elastic stirrup B, preferably of spring-wire. The stirrup conforms in the main to the outline of the hair-pin and terminates in lateral tangs or spurs B', which when thrust out to the normal position project a little distance into the hair adjacent to the hair-pin and prevent its detachment.

In practice the construction of the device may vary considerably without departing from the principle of the invention. Thus in Fig. 1 the wire stirrup is represented outside

the loop of the pin and spreading somewhat wider. At the points of widest extension the legs of the stirrup are inwardly offset at B², so as to pass along within the hollow legs of the pin to suitable points near the ends of said legs, where holes A' are provided for the spurs B'. Suitable holes A² are also provided for the wires at the offsets, and for convenience in getting the parts together that portion of the hair-pin occupied by the stirrup is made in halves, the detached part A³ being riveted or otherwise secured to the other part after the stirrup is in place. A somewhat simpler construction is shown in Fig. 2, the stirrup in this case lying inside the loop of the pin, which may have a groove A⁴ to serve as a seat for it. Near the loop the stirrup-leg is thrown outwardly in a small loop B³, projecting through a suitable hole or slot A⁵. This loop on each leg serves as a nib, the pair of which, pressed inwardly by the thumb and finger of the operator, retract the outwardly-projecting spurs, so that the pin may be readily inserted in the hair or withdrawn therefrom.

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

A hair-pin composed of a stirrup-shaped body with suitably-pointed legs, and with cavities in said legs adapted to receive a bifurcated, elastic-wire fastener, and a fastener of flexible wire, conforming substantially to the shape of the hair-pin, with outwardly-turned terminal tangs projecting normally through holes in the legs of the hair-pin, and having lateral offsets near the looped end projecting outside the body of the hair-pin, whereby the fastener may be compressed, the outside of the hair-pin legs being closed except where the fastener tangs and offsets project through, and serving to limit the outward thrust of the tangs, all substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DANIEL W. IRVIN.

Witnesses:

J. M. ST. JOHN,
J. F. GROAT.