L. VAN DOREN.

BREASTPIN TONGUES.

No. 194,277. Patented Aug. 14, 1877.

Fig. 1.

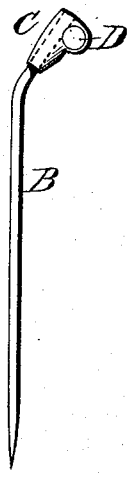


Fig. 2.

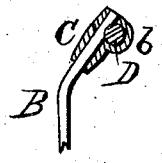
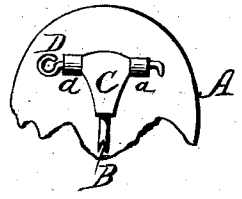


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

LANSING VAN DOREN, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN BREASTPIN-TONGUES.

Specification forming part of Letters Patent No. **194,277**, dated August 14, 1877; application filed December 21, 1876.

To all whom it may concern:

Be it known that I, LANSING VAN DOREN, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Breastpins and similar articles; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention relates to breastpins and other similar articles, which are provided with a hinged pin for fastening the same; and it consists in the construction of the hinge and the means for fastening the pin thereto, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which forms a part of this specification, and in which—

Figure 1 is a side view of the pin with the central part of the hinge. Fig. 2 is a section through said central part of the hinge. Fig. 3 is a view of the under side of the breastpin-plate with the pin hinged thereto.

A represents the body or plate of a breastpin or other similar article, provided with a hinged pin, B, for fastening or attaching the same.

On the under side of the plate A are two perforated lugs or ears, *a a*, any suitable distance apart, and between which the pin B is hinged by the following means: C represents a metallic socket for the insertion of the inner end of the pin B, which is bent as shown in Figs. 1 and 2. The socket C is of such size at its inner end to fit between the ears or lugs *a a*, and at the inner end, on the under side, it has an enlargement, as shown at *b*, through which is made a hole at right angles with the bore of the socket for the passage of a pin, D, said pin also passing through the ears or lugs *a a*, and completing the hinge.

The pin D, in its passage through the enlargement *b*, enters the bore of the socket, as shown in Fig. 2, and a notch being being made in the pin B the pin D of the hinge fills this notch and locks the main pin B in the socket. The notch is made about one-third the thickness of the pin B, so as not to weaken said pin at that point.

By this invention the pin B, when broken, can easily be removed and another substituted. There being no solder, it is not so liable to get broken, as is otherwise the case.

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

The combination of the socket C, provided with enlargement *b*, the notched pin B, and the connecting or fastening pin D, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of December, 1876.

L. VAN DOREN.

Witnesses:

FRANK GALT,

C. L. EVERT.