

(No Model.)

L. DREYFUS.
PIN TONGUE FOR BREASTPINS.

No. 347,289.

Patented Aug. 10, 1886.

fig. 1.

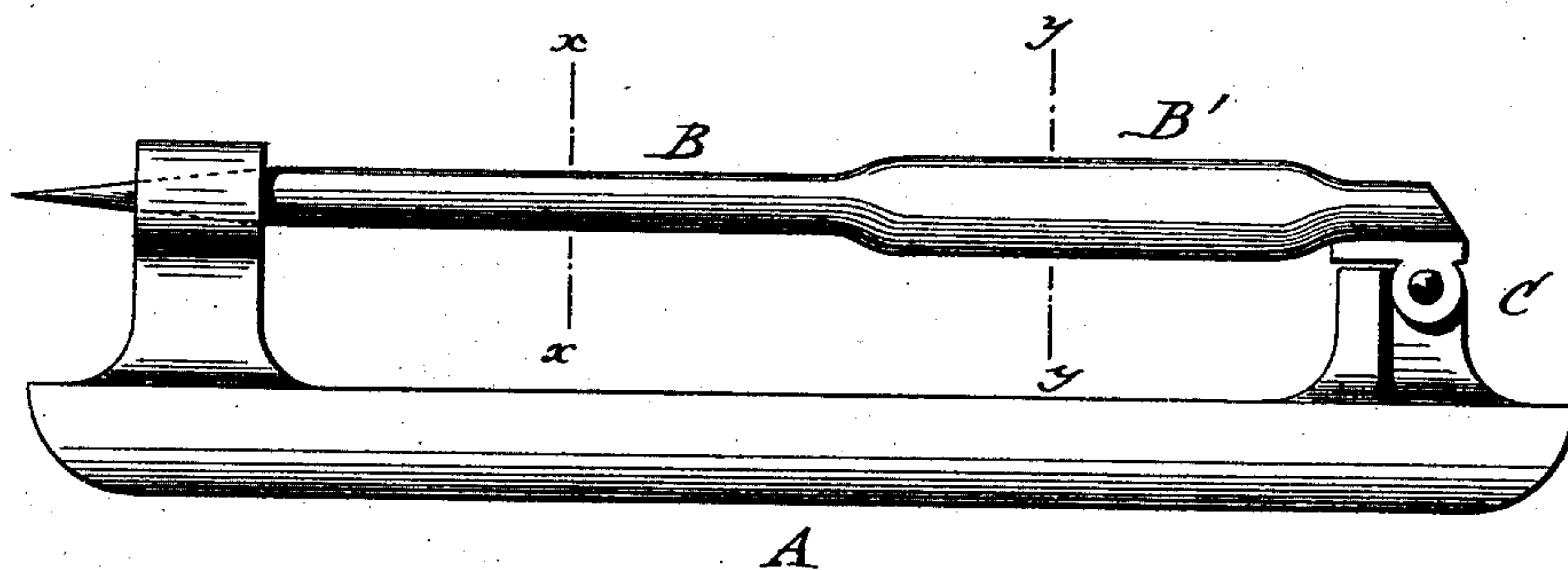


fig. 2.



fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

LEON DREYFUS, OF NEW ORLEANS, LOUISIANA.

PIN-TONGUE FOR BREASTPINS.

SPECIFICATION forming part of Letters Patent No. 347,289, dated August 10, 1886.

Application filed August 1, 1885. Serial No. 173,208. (No model.)

To all whom it may concern:

Be it known that I, LEON DREYFUS, of New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Pin-Tongues for Breast-Pins, of which the following is a specification.

One of the objections to the common pin-tongues of breastpins is that they are bent easily by use, and lose thereby the required elasticity.

The object of this invention is to overcome this defect by a very simple alteration in the shape of the cross-section of the pin-tongue; and the invention consists of a pin-tongue for breast and other pins, the shank of which has a flattened part adjacent to the hinge end of said pin, the major axis of the flattened part being at right angles with the plane of the body of the pin, and said flattened part extending almost to the hinge end of the pin-tongue, which hinge end is round, and thus has sufficient surface for attaching the hinge-eye.

In the accompanying drawings, Figure 1 represents a side elevation of my improved pin-tongue for breastpins. Figs. 2 and 3 are vertical transverse sections of the same, drawn on a larger scale, respectively, on lines *x x* and *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the body of the breast, safety, or other pin, and B the pin-tongue of the same, which is applied by a hinge-joint, C, of any approved construction, to the body A. The shank B' of the pin-tongue B next adjoining the hinge-joint is not made of round cross-section, as the end of the pin-tongue, but pressed into flat shape by means of dies, as shown in Figs. 1 and 3, so that the cross-section of the shank is widened in a plane at right angles to the body of the pin, or, in other words, in such a manner that the major axis of the cross-section of the widened part is at right angles to the body of the pin. By compressing the shank of the pin-tongue B the material composing the same is compacted,

and also the cross-section of the same changed, so that it is capable of resisting an increased strain and exerting a greater degree of spring-tension.

Pin-tongues of this construction possess greater strength and durability than the pin-tongues with round cross-sections heretofore in use, and are less liable to bend or break at their shanks.

The advantage of forming a flattened part in pin-tongues, the major axis of which flattened part is at right angles to the plane of the body of the pin-tongue, is as follows: By forming a pin-tongue in the manner set forth it is stiffened, and has more spring-tension in the direction in which the point of the pin is bent for the purpose of passing it under the hook. At the same time the flexibility of the pin-tongue is not decreased. As the flattened part is only provided adjacent to the hinge end of the tongue, the flattened part does not extend to the end of the tongue, but, as shown in the drawings, stops a short distance from the same, so that the hinge-eye that is fastened to the pin-tongue can be secured on the round end part of the pin-tongue. This permits the fastening of the said hinge-eye very securely to the tongue.

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

A pin-tongue for breast and other pins, the shank of which has a flattened part adjacent to the hinge end of said pin, the major axis being at right angles to the plane of the body of the pin, and said flattened part extending almost to the hinge end of the pin-tongue, which hinge end is round, and thus has sufficient surface for attaching the hinge-eye, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

LEON DREYFUS.

Witnesses:

PAUL GOEPEL,
MARTIN PETRY.