

J. A. HAARVIG.

Waist-Band Fastenings for Pantaloons, &c.

No. 144,334.

Patented Nov. 4, 1873.

Fig. 1.

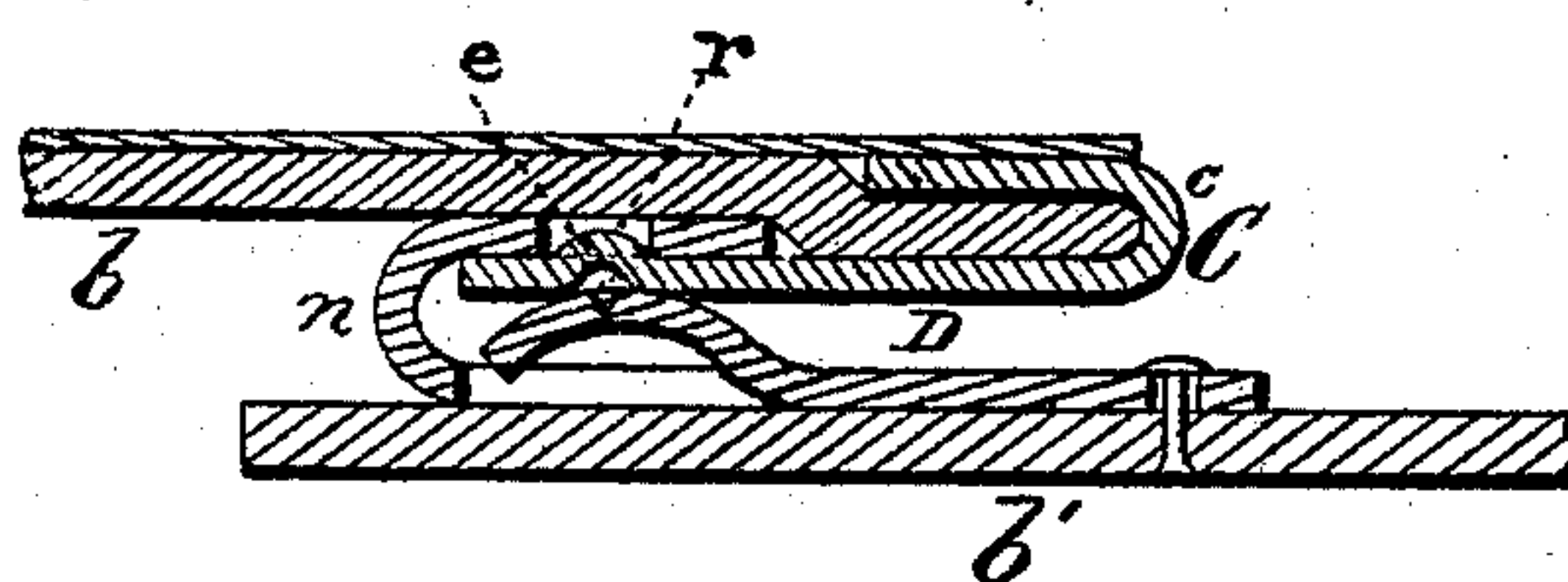


Fig. 2.

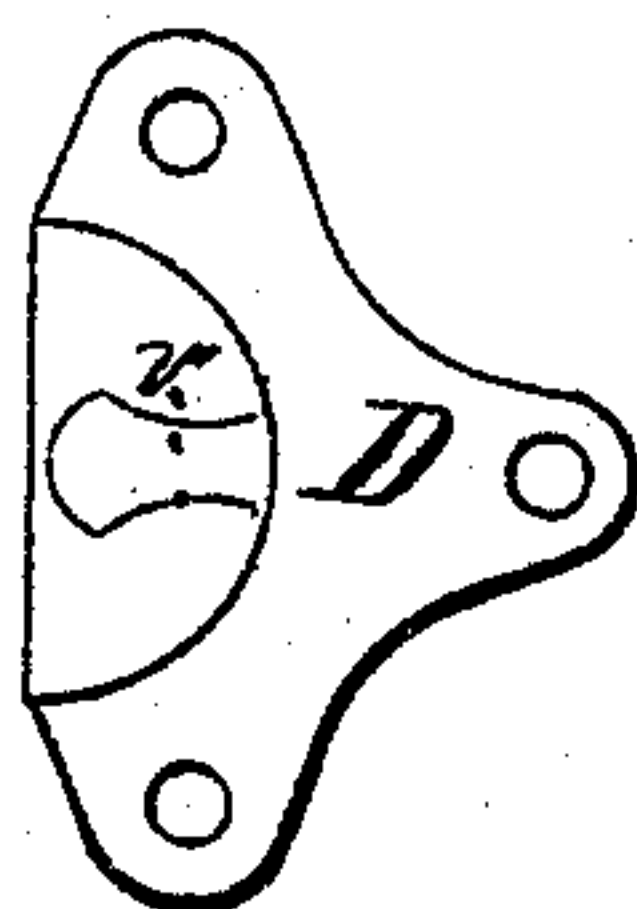
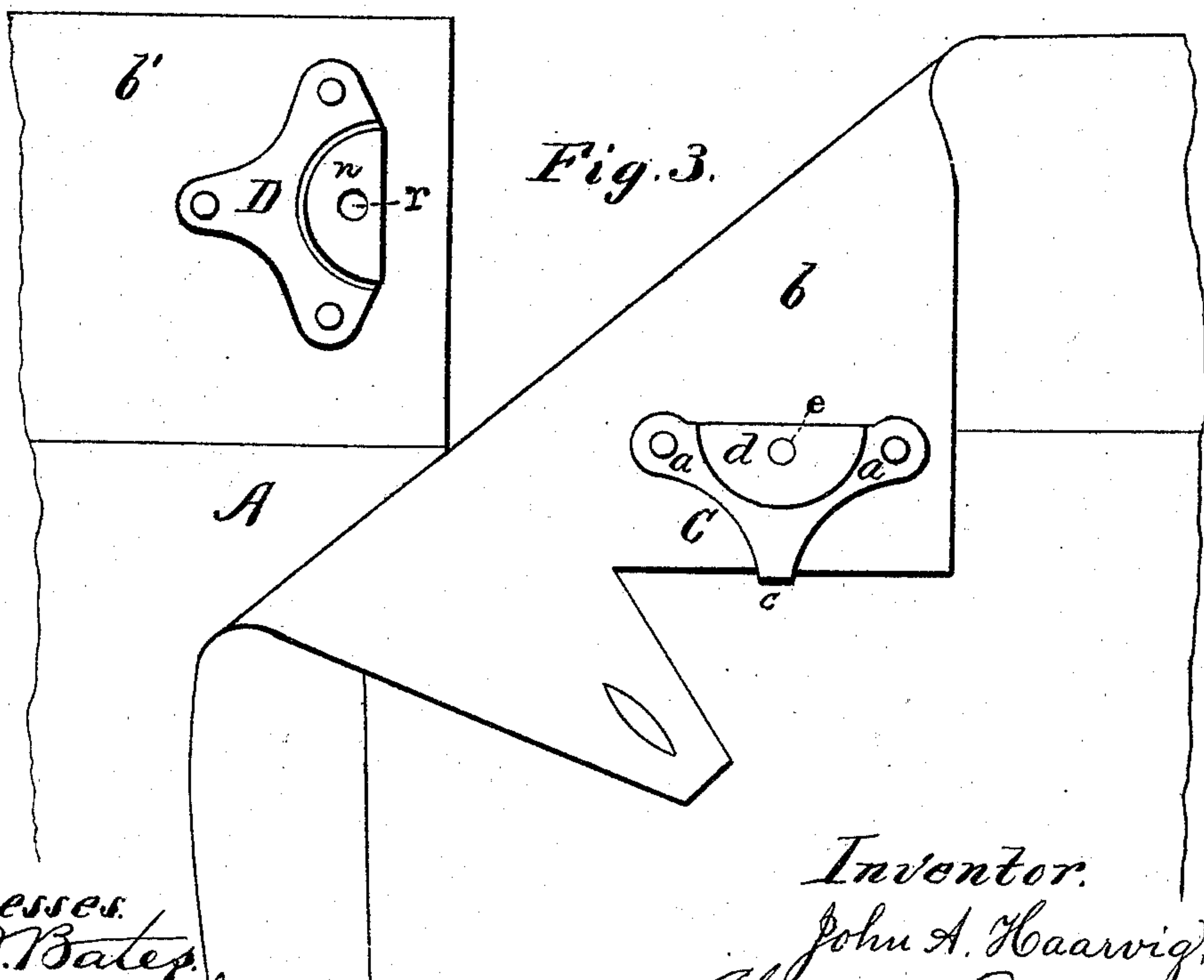


Fig. 3.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

JOHN A. HAARVIG, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN WAISTBAND-FASTENINGS FOR PANTALOONS, &c.

Specification forming part of Letters Patent No. 144,334, dated November 4, 1873; application filed July 12, 1873.

*To all whom it may concern:*

Be it known that I, JOHN A. HAARVIG, of Chicago, in the county of Cook and State of Illinois, have invented a new and valuable Improvement in Waistband-Fastenings for Pantaloon, &c.; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a sectional view of my waistband-fastening. Fig. 2 is a detailed view of the same. Fig. 3 is a view of the same as used.

The object of this invention is to provide a hidden fastening for the front of the waistband of pantaloons, or wherever such a fastening is desired; and it consists in the construction and novel arrangement of the hook-plates and spring-catch, as hereinafter more fully described.

In the accompanying drawings, the letter A designates the waistband, the ends *b b'* of which are designed to be fastened together, one end being lapped over the other. The underlap, *b*, usually the right, is provided with the plate C, perforated at *a a* for the fastening-thread or rivet by which it is secured to the cloth, and provided with the hook or edge-clamp *c*, designed to pass around and under the edge of the cloth, in the manner of a clamp, and serving to prevent this plate from being bent upward by the tongue of its fellow. On the under side of the plate C a semicircular recess, *d*, is formed, and provided with a central boss

or circular rise, *e*. The overlap *b'*, usually the left, is provided with the hook-plate D. This plate is perforated for suitable fastening-threads or rivets, and its front portion, semicircular in shape, is bent backward to form the hook or tongue *n*, which, when the plates are put together, engages with the recess *d* of the plate C. Opposite the central boss or rise *e* of the plate C a circular aperture, *r*, is made through the tongue *n* of the plate D. Below this aperture rises from the base portion of the plate D an elastic tongue or spring-finger, *v*, which may be either stamped out of the metal of the plate, or separately formed and attached thereto.

When the hook or tongue of the plate D is inserted in the recess of the plate C from the rear, the spring *v* presses the boss *e* of the latter plate into the aperture *r* of the tongue, thereby locking the two plates together in such a manner that the fastening will not become loose, unless they are pulled apart with some degree of force.

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

The combination, with the recessed plate C, having the boss *e*, of the hook-plate D, having the aperture *r* in the tongue, and the spring-finger *v*, arranged to press the boss *e* into the aperture *r*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN ARENT HAARVIG.

Witnesses:

R. SAYER,  
AUSTIN CLEMENT.