

O. S. THAYER.
Shirt-Studs.

No. 138,299.

Patented April 29, 1873.

Fig. 1.

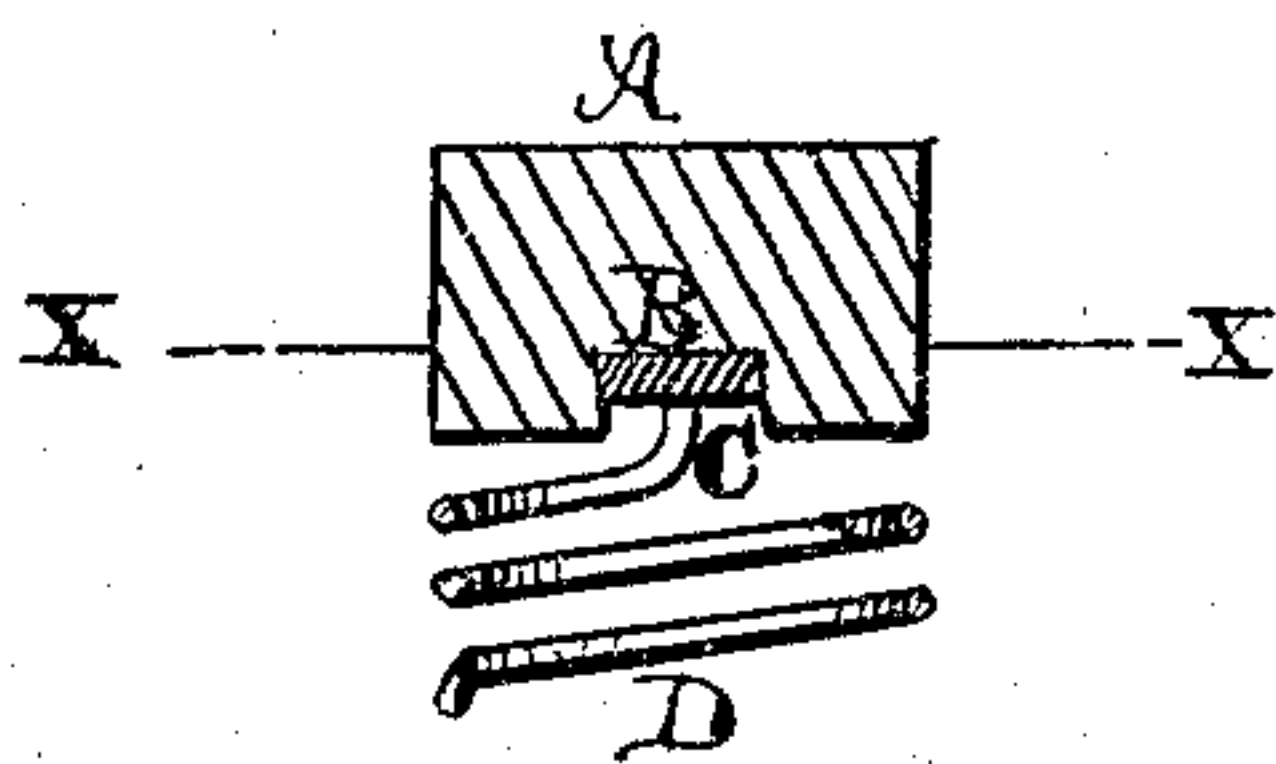
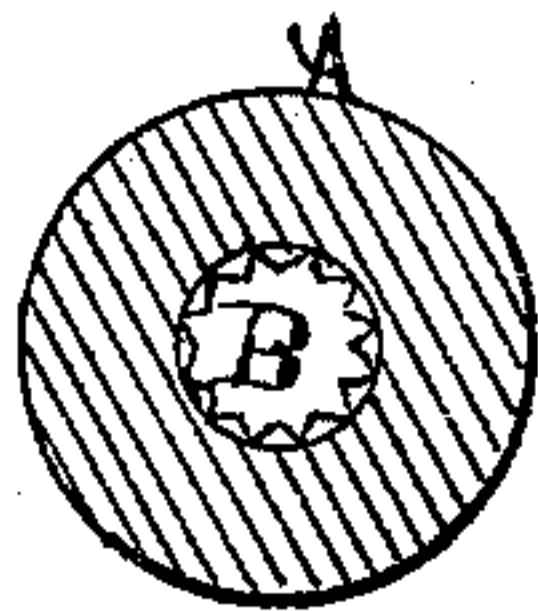


Fig. 2.



Attest

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OSCAR S. THAYER, OF ATTLEBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN SHIRT-STUDS.

Specification forming part of Letters Patent No. **138,299**, dated April 29, 1873; application filed March 6, 1873.

To all whom it may concern:

Be it known that I, OSCAR S. THAYER, of the town of Attleborough, in the county of Bristol and State of Massachusetts, have invented certain Improvements in Shirt-Studs, of which the following is a specification:

My invention relates to the method of securing the screw more firmly to the button of a shirt-stud by means of teeth formed on the edges of the cup, which latter is sunk into the button.

Heretofore this cup has been made round, and retained its place merely by friction, which is frequently overcome in adjusting the stud to the shirt, thus causing the button to rotate on the cup, and rendering the stud useless. I overcome this defect by forming notches or teeth in the rim of the cup, which, taking hold in the walls of the socket, prevent all rotary movement of the cup without any additional cost in the manufacture.

In the accompanying drawing, Figure 1 is a central vertical section of a stud, showing

the method of sinking the cup into the button; and Fig. 2 is a transverse section of the same through the plane indicated by lines *xx* of Fig. 1, and showing said teeth or notches in the cup.

A is the button, B is the cup, C is the socket, and D is the screw. The device is also adapted to double-headed studs having no spiral screw, and to ordinary buttons, as well as to the particular article in connection with which it is shown.

I therefore claim—

1. The teeth in the edge of the cup in shirt-studs and other similar articles, substantially as described, and for the purpose set forth.

2. As a new article of manufacture, a shirt-stud in which the screw is secured to the button by means of a toothed cup, substantially as and for the purpose set forth.

OSCAR S. THAYER.

Witnesses:

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