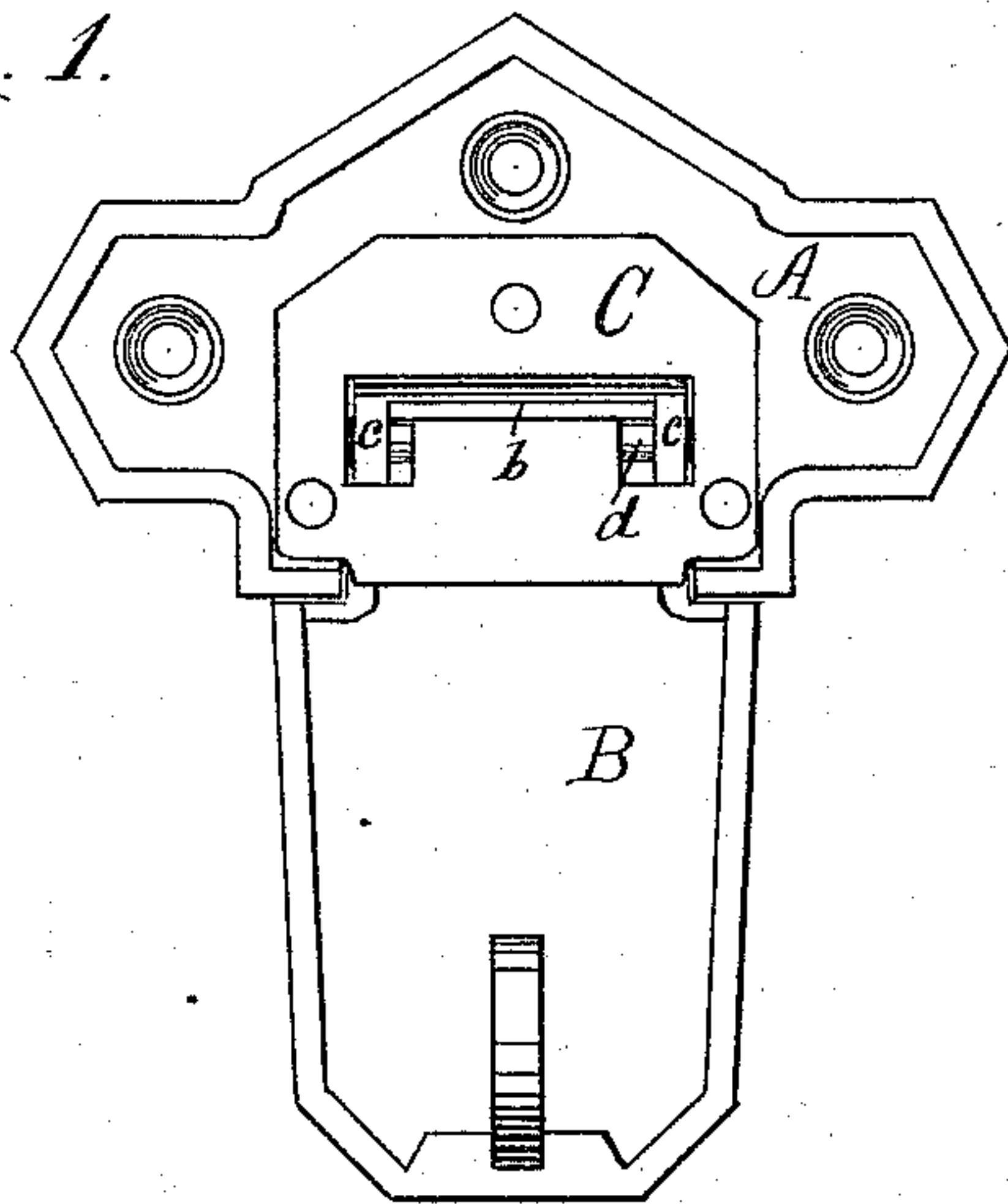


F. W. MIX.  
Hasp for Trunk-Locks.

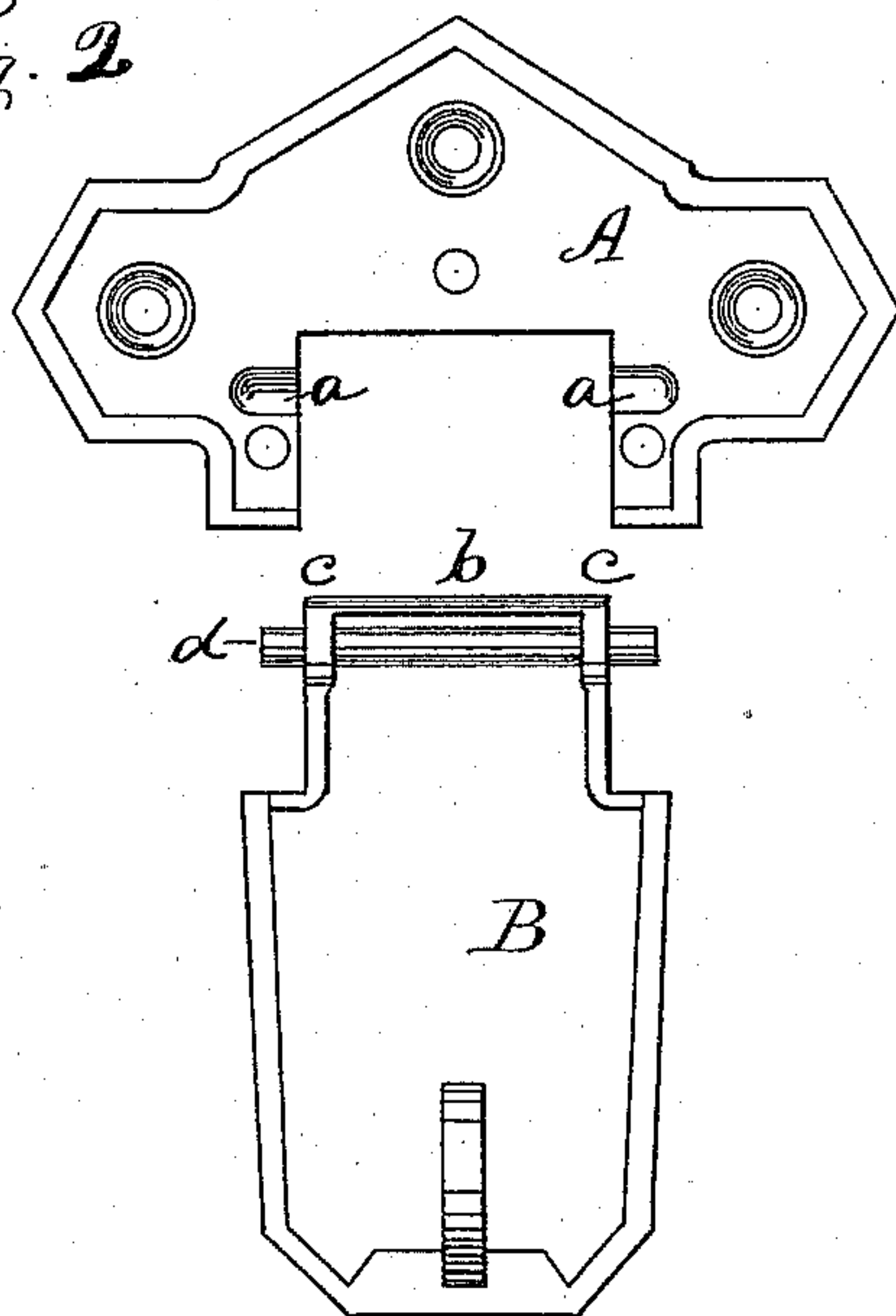
No. 163,230.

Patented May 11, 1875.

*Fig. 1.*



*Fig. 2.*



Witnesses.

Henry A. Mitchell

Henry B. Cook

Inventor.

Frank W. Mix.

By James Shepard Atty.

# UNITED STATES PATENT OFFICE.

FRANK W. MIX, OF TERRYVILLE, CONNECTICUT, ASSIGNOR TO THE EAGLE LOCK COMPANY, OF SAME PLACE.

## IMPROVEMENT IN HASPS FOR TRUNK-LOCKS.

Specification forming part of Letters Patent No. **163,230**, dated May 11, 1875; application filed April 20, 1875.

### CASE A.

*To all whom it may concern:*

Be it known that I, FRANK W. MIX, of Terryville, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Trunk-Hasps, of which the following is a specification:

The nature of my invention consists of the peculiar construction of the parts which form the joint, all as hereinafter described.

In the accompanying drawing, Figure 1 is an elevation of the rear side of a trunk-hasps which embodies my invention, and Fig. 2 is a similar view of two parts of the same detached from each other.

A designates the upper portion, to which the hasp B is hinged. This portion A is provided with recesses *a a*, sunk upon its inner face, as shown in Fig. 2. The hasp B is formed of cast metal, and its hub *b* is cast hollow, except a small portion at each end, which portions I term ears *c c*, the hollow in the hub being of such size as to allow ample room for the pintle *d*. The ears *c c* are drilled out at their centers, the holes therein being of such size that the pintle *d* fits easily, so as to allow the hasp to turn on it. The pintle *d* is of such length as to project a short distance at each

end of the hub *b*, and when inserted therein, as shown in Fig. 2, it is placed with its ends within the recesses *a a* of the upper portion A, and a sheet-metal plate, C, slotted, so as to allow free play of the ears *c c*, is riveted firmly to the upper portion A, to hold said portion and the hasp B together. The recesses *a a* should be so shallow that the plate C may come close to or bear upon the pintle *d*, and hold it so firmly that it will not rattle, and, preferably, so as to hold the pintle *d* so tight that it will not revolve, in which case the hasp B will turn upon it.

This construction is not only cheap and substantial, but it makes a snug joint that always works freely.

I claim as my invention—

In a trunk-hasps, the hasp B, provided with the hub formed of the parts *c b c*, as shown and described, in combination with the pintle *d*, upper portion A *a a*, and the plate C, all substantially in the manner specified.

FRANK W. MIX.

Witnesses:

ELISHA MIX,  
WM. B. ELLS.